

June 30, 2011

Bob Lewis
Environmental, Safety and DOT Compliance Manager
Genuine Parts Company
2999 Circle 75 Parkway
Atlanta, GA 30339

Re: USEPA Technical Memorandum
West Vermont Street Contamination Site
Speedway, Indiana

Dear Bob:

ENVIRON International Corporation (ENVIRON) has completed a review of the March 27, 2011 Technical Memorandum-Analytical and Hydrogeological Evaluation-West Vermont Street Contamination Site-Speedway, Marion County, Indiana (Technical Memorandum) prepared by Weston Solutions, Inc (Weston) for the United States Environmental Protection Agency (USEPA). The Technical Memorandum was prepared to evaluate the potential source of vinyl chloride (VC) detected in residential water supply wells located in the West Vermont Street Contamination Site (Residential Site).

The Technical Memorandum identifies three potential source sites located within the vicinity of the Residential Site including the Allison Transmission Plant (Allison) site located at 4700 West 10th Street, Genuine Parts Company (GPC) site located at 700 North Olin Avenue, and Michigan Plaza (Plaza) site located at 3811 West Michigan Street. Weston states that there are a number of data gaps that "...should be addressed to provide a complete hydrogeologic and chemical characterization of impacts in and around the Residential Site." In general, data gaps identified by Weston include:

- A lack of a clear understanding of all potential source areas, geology, migration pathways, and receptors. A comprehensive conceptual site model needs to be developed for the entire area.
- A lack of current analytical data for wells in the area between the Residential Site and Allison site.
- A lack of a complete understanding of sewer line distribution, potential contaminant flow paths, and point sources in the vicinity of the Plaza.
- A lack of data west of the GPC site, Michigan Meadows Apartments, and Plaza.
- A lack of data from a depth greater than 70 feet below ground surface.

Although these substantial data gaps are identified, Weston draws conclusions regarding the GPC site as a source of VC and perchloroethene (PCE) to the Residential Site water supply wells based on incomplete and inaccurate characterizations of groundwater flow and contaminant occurrence in groundwater as discussed below.

Key Documentation Not Referenced

Key documentation for the GPC site was not referenced in the Technical Memorandum. Notably absent from the reference list is the August 16, 2004 Final Remediation Work Plan (RWP) prepared by KERAMIDA for the GPC site (KERAMIDA, 2004). This is particularly disconcerting as the RWP is a cornerstone document for any Voluntary Remediation Program project and is the core repository of data for the GPC site. This document is readily available on-line in the Indiana Department of Environmental Management (IDEM) Virtual File Cabinet (VFC). The RWP contains a substantial volume of data regarding the local hydrogeologic framework, volatile organic compound (VOC) occurrence, and remedial activities performed by GPC not provided in the documents reviewed by Weston for the Technical Memorandum. This data is critical to develop hydrogeologic and chemical characterization conceptual site models for the GPC site and should have been used by Weston for the Technical Memorandum.

Hydrogeologic Site Conceptual Model

In Section 3.2-Hydrogeologic Setting, Weston developed a hydrogeologic conceptual model for the general area that appears to oversimplify the hydrostratigraphy of the Allison site and is based on very little data collected east of Holt Road. A sound understanding of the area hydrostratigraphy and direction of groundwater flow is crucial for the determination of the source of VC and PCE in groundwater to the Residential Site. Weston defines three water bearing zones in Section 3.2 of the report. These include an upper water bearing zone (UWBZ) that extends to a depth of approximately 30 feet below ground surface (bgs) underlain by a discontinuous clay till and an intermediate water bearing zone (IWBZ) that is present subjacent to the till from approximately 35 feet to 75 feet bgs, and a lower water bearing zone (LWBZ) that extends from approximately 90 feet bgs to greater than 107 feet bgs. Geologic cross-sections provided in the RCRA Facility Investigation Report (Arcadis, et. al., 2009) prepared for the Allison site indicate the presence of four sand units present in the area with sand unit S2 located at 17.5-46 feet bgs as the likely shallow aquifer unit. The S2 unit is subdivided into S2A and S2B units based on the intermittent presence of a clay unit. Although the S2A unit is generally consistent with Weston's UWBZ, the S2B unit occurs at a depth that is more consistent with the IWBZ as defined by Weston. The S2 sand unit is geologically complex and may actually consist of several isolated lenses. A clay layer separates the upper S2 unit from the lower water bearing sand unit S3 found at approximately 48-61 feet bgs. The depth of the S3 unit is generally consistent with Weston's IWBZ.

Only two of the five cross sections (Figures 5-9) drafted for the Technical Memorandum provide any information on the GPC site. Figure 4 illustrates the locations of the five cross sections. None of the cross sections traverse the Michigan Meadows Apartments or Plaza site to the south. The hydrostratigraphy east of Holt Road is much less complex. Here the intervening clay till is generally absent and an unconfined sand unit is generally present to depths ranging up to approximately 50 feet bgs (KERAMIDA, 2004). This unconfined sand unit is underlain by a silty loam till. In general, the unconfined sand unit is consistent with the shallow aquifer unit S2 at the Allison site. The unconfined sand unit east of Holt Road transcends both the UWBZ and IWBZ as defined by Weston. This variation in hydrostratigraphic interpretation clearly indicates the need for additional investigation of hydrstratigraphic units south of the Allison site west of Holt Road in order to link the more complex hydrostratigraphy in the west with the much simpler hydrostratigraphy seen to the east of Holt Road and Residential Site to the south.

Groundwater Flow Direction

Regional hydrogeologic studies indicate a general south-southeasterly flow in the shallow aquifer (S2, unconfined sand) in the vicinity of Holt Road and West Michigan Street with water levels showing a strong relationship with surface water drainage and local surface topography (Brown and Laudick, 2003, Fleming et al., 1993; Meyer et al., 1975). Both Big Eagle Creek and Little Eagle Creek generally flow to the southeast in the area toward their confluence approximately one mile southeast of the Residential Site. Historical groundwater elevation data (1995-2011) collected from the shallow aquifer (0-50 feet bgs) for monitoring wells east of Holt Road has consistently exhibited south-southeasterly flow direction indicative of both the regional flow and influence of Little Eagle Creek (ENVIRON 2011a, KERAMIDA 2004). A more southerly flow direction has been shown near Holt Road where there is less influence from Little Eagle Creek. To the west in the vicinity of the Allison site, regional groundwater flow in the shallow saturated zone is generally south towards Big Eagle Creek (Arcadis et. al. 2009, Fleming et al., 1993). The southerly flow direction in this area is exemplified by the presence of light non-aqueous phase liquid (LNAPL) in two monitoring wells (MW-526-S2A and MW-0622-S2A) located in the residential area south of the Allison plant near the intersection of Cossell Road and Arthur Avenue (Fig 4.43.3 Arcadis et al., 2009). These wells are located east adjacent to AOI-40 which is a diesel fuel release undergoing active remediation. The diesel fuel release reportedly originated from a transfer line between the south fuel farm (AOI 26) and the Engineering Test Cells (AOI 13). The release was identified in 1972 when a diesel fuel was observed seeping into Big Eagle Creek (Arcadis et. al. 2009). AOI 26 and AOI 13 are located north and northwest of the two monitoring wells in the residential area containing LNAPL.

Even though regional and site-specific studies indicate a generally south-southeast flow for the area, Weston developed potentiometric surface maps for the UWBZ and IWBZ that generally indicate a southwest flow direction, particularly the IWBZ map (Figure 10b). There is a large groundwater elevation data gap for both the UWBZ and IWBZ in area south of the Allison site west of Holt Road. Monitoring wells are generally absent from this area. Weston dashes potentiometric surface lines in this area for the UWBZ Map (Figure 10a) due to a lack of data. Potentiometric surface lines are not dashed in this area on the IWBZ map (Figure 10b) even though in general the same data gap exists. Weston does state that the exact flow to the west of the GPC site and Michigan Meadows Apartments is not well defined.

Liquid level data collected by Weston in October 2010 to determine the direction of groundwater flow across the entire area do not represent natural ambient conditions. In Section 4.1, Weston states that the apparent westerly flow component in the IWBZ west of the GPC site is likely attributable to the remediation systems at the Allison site. Figure 10b overstates the actual influence of the pumping of the remediation wells at the Allison site on groundwater flow. The combined groundwater recovery rate for the remediation system located in area of interest (AOI) 51 is approximately 2.6 gallons per minute (Favero Geosciences, 2011). It is highly unlikely that this pumping rate would have any effect on groundwater flow approximately 1400 feet away. Weston's inferred southwest groundwater flow direction is inconsistent with regional and site-specific studies.

The IWBZ groundwater flow direction interpreted by Weston (Figure 10b) is inconsistent with the inferred trend of groundwater plumes of chlorinated solvent constituents in the IWBZ drafted by

Weston (e.g., Figures 14b, 15B). Whereas Figure 10b indicates a southwesterly flow direction west of the GPC and Michigan Meadows Apartment properties, plumes illustrated in Figures 14b and 15B are trending to the south to southeast.

The potentiometric surface map generated for the IWBZ (Figure 10b) is based on inappropriate and incomplete groundwater elevation data. Several of the monitoring wells used to provide groundwater elevations for this map are screened above 30 feet bgs. Per the Weston definition, these wells are screened in the UWBZ. Groundwater elevation data was not provided in the Technical Memorandum. Attachment A of the Technical Memorandum was to include monitoring well gauging data based on the attachment title "October 2010 Groundwater Well Survey and Monitoring Well Level Data". The actual content of Attachment A is Residential Site water supply well records. USEPA had previously provided a related table of October 2010 survey and gauging data to GPC via e-mail. Based on this previously provided table, data from monitoring wells gauged by Weston in October 2010 that are completed in the IWBZ were omitted from Figure 10b. Notable examples include MW-200 and MW-201. Figure 10b does include a groundwater elevation for MW-302. This data was not included in the table previously provided by USEPA.

PCE and VC Occurrence in Groundwater

VOC contaminant plume maps (Fig 12a to 15B) were based on very limited data west of Holt Road. In addition, all of the data used in the generation of the UWBZ maps (a-series) south of the Allison site were collected in 2006 or 2007. No monitoring well data were used in the generation of the IWBZ plume maps (b-series) from south of the Allison site. Large data gaps exist regarding the hydrostratigraphy, groundwater flow direction, and VOC occurrence in groundwater off-site to south, particularly at depths greater than approximately 40 feet bgs (Weston's IWBZ). On-site monitoring well data for the Allison site used in the development of both the UWBZ and IWBZ VOC contaminant plume maps were generally limited to the AOI 51 area. It is not clear whether impacts attributable to the remaining 12 AOI could be impacting the water supply wells in the Residential Site.

Weston dashes the outer contour of the VOC contaminant plume maps in the vicinity of Holt Road north of Michigan Street. Push probe groundwater sampling by KERAMIDA and Arcadis have confirmed that VOC impacts in groundwater do not extend west of Holt Road in this area. KERAMIDA advanced a series of four push probes along the west side of Holt Road north of Michigan Street in November of 2009. The push probes were advanced to the first apparent till unit encountered, a depth of approximately 40 to 45 feet bgs. Three groundwater samples were collected for VOC analysis from each of the four borings in the unconfined sand unit. Sample depths included first water, base of the sand unit, and half way in between. None of the groundwater samples contained any chlorinated solvent constituents at levels above IDEM Risk Integrated System of Closure (RISC) Residential Default Closure Levels (RDCL). Arcadis advanced two soil borings along west Michigan Street in January 2010 as a part of the West Vermont Street investigation (Arcadis, 2010). Borings SB-64-1005 and SB-64-1006 were completed at a depth of approximately 40 feet bgs. Groundwater samples were collected from three depth intervals in each of the borings. None of the samples contained any detectable VOC concentrations.

In Section 6 of the Technical Memorandum, Weston states that the GPC site is a potential source of PCE contamination to the Residential Site. This assertion is unfounded. PCE is not a contaminant of concern for the GPC site. In fact, PCE has only been detected at low levels in a few of hundreds of samples collected from the site (KERAMIDA, 2004, KERAMIDA, 2007, numerous KERAMIDA Remediation System Evaluation Reports). This is evidenced by Figures 12a and 12b prepared by Weston to represent PCE occurrence in the UWBZ and IWBZ which do not identify PCE related to the GPC site. As discussed above, Figure 10b generated by Weston to illustrate groundwater flow in the IWBZ is inaccurate and does not reliably establish a flow direction from the GPC site to the Residential Site. In addition, PCE was not detected in any of the push probe samples collected along Holt Road north of Michigan Street by KERAMIDA or those collected along Michigan Street west of Holt Road by Arcadis, as erroneously predicted by Figure 10b.

Former dry cleaning operations at the Plaza site have caused significant PCE and related chlorinated solvent impacts on the Plaza site and Michigan Meadows Apartment property to the north across Michigan Street. To date, three source areas related to past dry cleaning operations at the Plaza site have been identified by Mundell and Associates (Mundell) investigations, including leaking sewer lines. These source areas have not been delineated and incomplete information is available regarding data collected during the Mundell investigations. Available data collected to date during the source investigations and subsequent remediation monitoring confirm that dry cleaner related impacts extend throughout the entire thickness of the saturated sand/sand & gravel unit (shallow and deep zones) and that the Michigan Plaza is the primary source of cis 1,2 dichloroethene and VC, as well as PCE and TCE, to groundwater within the identified Michigan Plaza source areas (ENVIRON 2011b, Attachment A).

Another apparent source area related to the past dry cleaner operations was identified by KERAMIDA in 2000 (KERAMIDA, 2004). A soil sample collected from a soil boring advanced near the southwest corner of the Michigan Plaza property contained a PCE concentration in soil approximately 275 times the RDCL (16 mg/kg). This concentration is similar to those identified along the leaking sanitary sewer in Source Areas B and C. Worn sewer joints and a sagging run (belly) that collects water was reported by Mundell for the north-south segment of the sewer that runs along the western side of the Plaza property. Investigation of this apparent source area needs to be conducted by Mundell. IDEM has requested that additional investigations be conducted at the Plaza site.

MW-S3-0501 was the only well provided in Figure 12b that contained a detectable PCE level. This well, located south of AOI 51 on the Allison site, contained a PCE concentration of 2030 micrograms per liter. This reported concentration, is above the 1% solubility of PCE generally used as an indicator of the presence of dense non-aqueous phase liquid (DNAPL). Only one monitoring well is provided in Figure 12b south of this location (MW-421-S3), therefore the impacts of PCE and related VOC in groundwater have not been delineated laterally in the S3 unit (depth of 54 feet bgs) or vertically.

Information was provided by Allison during the meeting held June 16th 2011 with the United States Environmental Protection Agency (EPA), the Genuine Parts Company, and Aimco Michigan Meadows Holdings, LLC regarding the West Vermont Street Contamination Site

(Residential Site). Included were two figures prepared by Arcadis on behalf of General Motors LLC indicating that additional sampling was conducted south of the Allison Transmission facility in June 2011. Both figures were marked as DRAFT-For Discussion Purposes Only. One figure titled Drawing 1-June 2011 Monitoring Well Locations illustrated new monitoring well locations and related groundwater analytical results. A second one titled Drawing-6 Cross Section VT-2-VT-2' provided an east-west oriented cross section along Michigan Street. No other information regarding the sampling event such as sampling methodologies, soil boring logs/well construction records, liquid level elevations, or laboratory analytical reports were included with the submittal. Based on a review of Drawing 1 (well location map), five monitoring wells were installed and 13 existing and new monitoring wells were sampled for VOC. An additional well, MW-0526-S2A, was to be also to be sampled but contained LNAPL. One of the new monitoring wells, MW-1105-S3/S4, is located in the southeast corner of the Allison property near existing well SB-64-1001. This well was screened from 70-75 feet bgs. The four remaining wells were installed along Michigan Street. One of these monitoring wells, MW-1003-S3, was screened in the S3 unit from 50-55 feet bgs. The remaining three wells were screened at depths ranging from 85 to 103 feet bgs. These well depths correlate better with Arcadis's S4 unit and Westons LWBZ. Based on Drawing 1, it appears that the deep well (MW-1101-S4) located closest to AOI-51 and other identified chlorinated solvent AOI was not sampled. The new data collected by Arcadis only provides limited additional information south of the Allison facility. Only one of the new monitoring wells is completed in the S3 unit at a depth similar to the most impacted water supply well (4012 Cossell). The remaining wells appear to be completed in a lower water bearing unit. No groundwater elevation data or potentiometric surface maps were included with the Arcadis submittal, therefore the direction of groundwater flow in this area could not be confirmed.

Weston relies greatly on Figure 15B to draw conclusions regarding VC impacts in the Residential Site. Data used to generate Figure 15B were obtained from six sources of data that span a four year time period. These sources include data collected by USEPA in July 2010, Mundell in February 2010, KERAMIDA in May 2010, and Arcadis in January 2006, May 2010, and November 2010. Since data provided in Figure 15B was collected over a four year time period, it does not represent the VC plume in the IWBZ for any distinct time period. This is of particular concern as the VC concentrations in this unit have changed dramatically in recent times due to the bioremediation being conducted at the Plaza site. It should be noted that the other VOC contaminant plume maps were also based on data collected over a multiple year time period. VC data for seven of the twelve wells of Figure 15B located east of Holt Road were obtained from a groundwater sampling event conducted by Mundell in February 2010. Mundell had sampled the same wells in July 2010 however Weston did not use this contemporaneous data for Figure 15B. Figure 15B is missing data from key locations in the southern portion of the map that help define the southern terminus of the VC plume. Two notable locations include MW-169D and MW-171D. KERAMIDA collected data from MW-169D in May 2010. Mundell collected data from MW-171D in July 2010.

In Section 4.3 of the Technical Memorandum, Weston identifies the GPC site as the likely contributor of contamination west of the Michigan Meadows Apartments and also identifies Allison as a possible source. This assertion is based on Figures 10b and 15B. As discussed above, these figures appear to contradict one another. Also, as Figure 15B depicts, impacts

related to the GPC site do not extend west of Holt Road as confirmed by the push probe investigations completed by KERAMIDA and Arcadis.

An anomalous VC concentration in groundwater at well MW-170D is apparent on Figure 15B. ENVIRON completed a push probe investigation in this area in May 2011 (ENVIRON, 2011b). A copy of this report is provided in Attachment A. The purpose of the investigation was to further delineate anomalous vinyl chloride (VC) occurrence in groundwater in this area. Three push probes were advanced along Michigan Street and Holt Road as discussed in a meeting held between the Indiana Department of Environmental Management (IDEM) and ENVIRON on May 5, 2011. Findings of the investigation confirm the VC occurrence in the area of MW-170D appears localized and not related to the GPC site. The report identified the Plaza site and Allison sites as potential sources of the VC in groundwater at MW-170D. As discussed previously, significant data gaps exist between the Plaza site and MW-170D and further investigation is warranted by Mundell. Weston places MW-170D in the IWBZ on all b-series VOC contaminant plume maps. As only limited hydrostratigraphic, groundwater elevation, or contaminant data exists for Weston's IWBZ between the Allison site and MW-170D, further investigation is needed to determine whether MW-170D is completed in Weston's IWBZ and whether the anomalous VC detected in this well is related to the Allison site.

Allison is a large multi-plant site located north-northwest of the Residential Area. Thirteen¹ AOIs impacted by chlorinated solvents have been identified (Arcadis, et. al., 2009). These AOIs are illustrated on Figure 3 of the Technical Memorandum. Based on the size and long history of heavy industry at the Allison site, other unidentified sources of chlorinated solvent impacts may also exist.

Data presented on the VOC contaminant plume maps (Fig 12 A to 15B) for the Allison site only includes a few S3 zone wells associated with AOI-51. VOC has been detected in groundwater in areas other than AOI-51. One notable example is AOI-26 where 1,800 micrograms per liter (ug/L) VC was detected in MW-15-S2 (Arcadis, et. al., 2009). VC was also detected in the deeper S3 zone (MW-2-S3) in this area and does not appear to have been delineated. As previously discussed, the hydrostratigraphy underlying the Allison site is significantly more complex than that in the vicinity of the Residential Site to the south and the GPC and Plaza sites east of Holt Road. In light of the complex hydrostratigraphy underlying the Allison site it is difficult to determine if the impacts of the chlorinated solvent releases from the 13 identified chlorinated solvent related AOIs have been fully delineated. It is clearly evident from the north-south oriented cross sections E-E', F-F', G-G', H-H' from the 2009 RCRA Facility Report that there is significant variation in sand lens depth, width, and termination in the S2 unit. This is particularly evident near AOI 51 where nearly 8,000 gallons of PCE were reportedly spilled in 1988 (Arcadis, et. al., 2009). Due to unit S2's tortuous nature and interpreted presence of discontinuous sand lenses, it's difficult to determine if the monitoring wells used to delineate the PCE plume related to AOI 51 are monitoring similar sand lenses and are actually delineating VOC occurrence. In addition limited investigation has occurred in the intermediate sand unit S3 where PCE concentrations have exceeded 1 percent of it's solubility (MW-S3-0501). Large data

¹ Note that Figure 3 of the Technical Memorandum identifies 13 AOIs impacted by chlorinated solvents whereas the text of Section 2 of this document discuss 19 locations.

gaps between soil borings and monitoring wells screened in this interval (S3 unit) are present throughout the site. This is evident in Cross section F-F' (Weston Figure 9-D-D') where a large data gap is present between the up gradient chlorinated solvent release site AOI 42 and the down gradient AOI 51. The sand lens present under AOI 42 at a depth of approximately 50 feet bgs was interpreted by Arcadis as not being connected with the lens at the same depth under AOI-51. As previously discussed, the impacts in the S3 unit related to AOI 51 have not been delineated on-site and only limited investigation has been conducted off-site. Two of the impacted residential water supply wells are reportedly screened in the S3 unit (4018 Vermont at 75', 4012 Cossell at 62'). Clearly a better understanding of the hydrostratigraphy, groundwater flow, and contaminant occurrence in both the S2 and S3 units is necessary within and downgradient from the Allison site to determine their impact on the water supply wells of the Residential Site.

Summary

Although substantial data gaps are identified in the Technical Memorandum, Weston draws conclusions regarding the GPC site as a source of VC and PCE to the Residential Site water supply wells based on incomplete and inaccurate characterizations of groundwater flow and contaminant occurrence in groundwater. Weston should have presented the data gaps in the Technical Memorandum without drawing conclusions as to which site was more likely than any other as the source of the VC and PCE to the Residential Site.

Groundwater flow within the area encompassed by the three identified potential source sites and the Residential Site is generally south to southeasterly based on published regional and site-specific studies. Potentiometric surface maps generated by Weston for the UWBZ and IWBZ did not represent natural ambient flow conditions across this area. The pumping from two remediation systems on the Allison site biased groundwater elevation data. The depressed groundwater elevations in the area of the pumping systems, when combined with a general absence of groundwater elevation data south of the Allison site, resulted in potentiometric surface maps with strong components of southwest groundwater flow not otherwise observed. Groundwater flow from the GPC site is expected to be to the south-southeast and not southwest as interpreted by Weston.

The Technical Memorandum should not have identified the GPC site as a source of PCE to groundwater. It is apparent that Weston did not review significant and readily available data regarding the GPC site provided in the Final RWP that confirm it is not a source of PCE to the Residential Site water supply wells.

VOC impacts in groundwater have been delineated west of the GPC site and Michigan Meadows Apartments property to the south. Push probe groundwater data collected by KERAMIDA in 2009 and Arcadis in 2010 confirm this delineation. An absence of VOC impacts to groundwater west of the GPC and Michigan Meadow Apartments is substantiated by a south-southeasterly groundwater flow in this area. These data demonstrate that the GPC site is not a source of VC and PCE in the Residential Site water supply wells. GPC is currently in the process of installing monitoring well nests along Holt Road west of well clusters MW-165 and MW-166 to further demonstrate an absence of impacts in this direction.

A recent push probe investigation completed by ENVIRON confirms that VC impacts identified in monitoring well MW-170D located west of the Plaza site are anomalous and are not related to the GPC site. PCE sources related to the Plaza site have not been delineated. In addition, another apparent PCE source area located on the west side of the Plaza building closest to MW-170D, has not been investigated. Further investigation needs to be conducted by Mundell to confirm whether the Plaza site is the source of the anomalous VC detection in MW-170D and VC or PCE in groundwater to the Residential Site. IDEM and USEPA have both requested further investigation of the Plaza site.

Only limited hydrostratigraphic, groundwater flow, and VOC occurrence in groundwater data have been evaluated by Weston or are available for the Allison site and off-site area south of the Allison site. Thirteen chlorinated solvent related AOI have been identified. Monitoring well groundwater elevation and VOC in groundwater data presented in the Technical Memorandum were generally limited to area of AOI-51. VOC data should have been provided for all of the AOI with chlorinated solvent impacts. Data collected in the area of AOI-51 indicate the potential presence of PCE DNAPL. Due to the complex nature of the S2 unit at the Allison site it is difficult to confirm that the impacts have been delineated in this unit. Only a few monitoring wells, all completed at depths less than 44 feet bgs in the S2 unit, are present off-site south of Allison site. Chlorinated solvent related impacts have not been delineated in the S3 unit on-site in the area of AOI-51. Only limited investigation of related impacts has been conducted off-site south of the Allison site. Two of the impacted residential water supply wells, including the one with the greatest VC concentration (4012 Cossell), are likely screened in this unit. Further investigation is necessary at the Allison site and off-site to the south to address identified hydrogeologic and contaminant occurrence data gaps and to determine whether this site is impacting the Residential Site.

The nature and extent of groundwater impacts within the Residential Site needs to be investigated. Hydrostratigraphic, groundwater flow, and VOC occurrence in groundwater data need to be collected from a depth of up to at least 75 feet bgs to confirm what aquifer units are impacted, the extent of impact, and groundwater elevations.

Should you have any questions regarding this correspondence, please contact me at your convenience.

Very truly yours,

ENVIRON International Corporation



Andrew A. Gremos, LPG, CHMM
Principal Consultant

Enclosures

REFERENCES

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Weston Solutions, Inc (Weston), March 27, 2011, Technical Memorandum-Analytical and Hydrogeological Evaluation-West Vermont Street Contamination Site-Speedway, Marion County, Indiana.

Attachment A
ENVIRON 2011 Push Probe Sampling Report

June 2, 2011

Ms. Erin Brittain
Project Manager
Voluntary Remediation Program
Indiana Department of Environmental Management
100 North Senate Avenue
Indianapolis, Indiana 46204

Re: Push Probe Investigation Near MW-170D
Genuine Parts Company VRP Site
Indianapolis, Indiana
VRP #6991004

Dear Erin,

ENVIRON International Corporation (ENVIRON) completed a push probe investigation in the area of well MW-170D in May 2011. The purpose of the investigation was to further delineate anomalous vinyl chloride (VC) occurrence in groundwater in this area. Three push probes were advanced along Michigan Street and Holt Road as discussed in a meeting held between the Indiana Department of Environmental Management (IDEM) and ENVIRON on May 5, 2011. Findings of the investigation confirm the VC occurrence in the area of MW-170D appears localized and not related to the Genuine Parts Company Voluntary Remediation Program site (VRP #6991004). The closest identified potential source is the Michigan Plaza site currently undergoing remediation in the IDEM VRP (VRP#6061202).

As IDEM is aware, significant chlorinated solvent releases have been confirmed from the Michigan Plaza site dry cleaning operations. IDEM has expressed concern that dense non-aqueous phase liquid (DNAPL) probably was released at that site. However, the several identified dry cleaning solvent related source areas attributable to the Michigan Plaza site east and northeast of well MW-170D, including a confirmed leaking sewer line, have not yet been delineated despite IDEM requests of AIMCO Michigan Meadows Holdings, LLC (AIMCO) for that site, as discussed below. For example, further investigation of dry cleaning solvent releases, including VC occurrence in the deep portion of the sand/sand & gravel unit in these source areas, is necessary. In addition, another potential source area attributable to the Michigan Plaza site on the western side of the Plaza building, the area closest to MW-170D, has not been investigated. Findings of the recent push probe survey and a discussion of potential sources of the anomalous VC in groundwater near MW-170D are provided below.

Push Probe Survey

Three push probes were advanced along Michigan Street and Holt Road in the general vicinity of well MW-170D during the period of May 12 to May 13, 2011. The push probes were designated as EB-1, EB-2, and EB-3. The push probe boring locations are identified on Figure 1 provided in Attachment A. The borings were advanced using a truck-mounted Geoprobe 6600 Rig operated by Earth Exploration, Inc. of Indianapolis, Indiana. Temporary wells were installed in each of the borings at three depth intervals to facilitate the collection of groundwater samples. Each temporary well had a five foot screen interval.

Each boring was advanced to the silty loam till that also floors MW-170D. Soil samples were collected from the base of the vadose zone as there were no field indications of soil impacts during boring advancement. The water table surface was encountered at an approximate depth ranging from 12 to 17 feet below ground surface (bgs). All soil samples were collected using a dedicated TerraCore sampler.

Groundwater samples were collected from temporary wells installed at three depth intervals within the saturated sand/sand & gravel unit encountered above the till. In general, these intervals included the water table surface, base of saturated unit, and mid-point between the other sample intervals. The till unit was encountered at depths ranging from 34.5 to 39.5 feet bgs. Soil boring-temporary monitoring well logs for the push probe investigation are provided in Attachment B. It should be noted that due to a lack of adequate available water at the water table interface in EB-1, the uppermost temporary well of this location was installed at a slightly greater depth. Groundwater samples were collected using a disposable check valve and tubing. New check valves and tubing were used for each sample.

Collected soil and groundwater samples were properly labeled and immediately placed on ice in a cooler following sample collection. QA/QC samples including duplicate samples and trip blanks were also collected during the push probe investigation. All soil and groundwater samples were submitted to Pace Analytical Laboratories of Indianapolis, Indiana for analysis of volatile organic compounds (VOC) by EPA Method 8260B. Laboratory reports are provided in Attachment C. Summaries of the soil and groundwater analytical results are provided in Tables 1 and 2 located in Attachment D. None of the soil samples contained any detectable VOC concentrations. All reporting levels for the soil analytical results were below the IDEM Risk Integrated System of Closure (RISC) Residential Default Closure Levels (RDCL).

None of the shallow groundwater samples contained a detectable VOC concentration. Intermediate depth samples EW-1 21-26 and EW-3 25-30 contained a detectable cis 1,2 Dichloroethene (DCE) concentration. No other VOC was detected in any of the intermediate samples. VC was only detected in the bottom samples of the push probe borings. The sample collection depths of the push probe samples were relatively consistent and similar to the screen interval of MW-170D. The northernmost sample, EW-1 30-35, contained the lowest VC concentration and also contained a sizable DCE concentration. The findings of this location are consistent with a sample collected from nearby monitoring well MW-167D in May 2010. The VC and DCE levels in MW-167D have remained about the same for at least the last two years (ENVIRON Remedial Progress Report-VRP #6991004, March 2011). Sample EW-3 35-40, collected approximately 250 feet south-southwest of EW-1 30-35, contained a VC concentration over three times that of EW-1 30-35 and did not contain a detectable DCE concentration. Boring EB-3 is located approximately 200 feet north of well MW-170D. A sample collected from MW-170D in July 2010 by EPA contained a VC concentration about two and a half times that of EB-3 35-40. This sample also did not contain a detectable DCE concentration. The VC concentration detected in MW-170D is consistent with those reported for this well over the last two years (Mundell Quarterly Monitoring Progress Report-First Quarter 2011, May 2011). Boring EB-2 is located approximately 175 ft south of MW-170D. Sample EB-2 31-36 contained a VC concentration that was about one fourth of that reported for MW-170D.

and no DCE. VC and DCE analytical results for the three soil borings, MW-170D, MW-167D, and other monitoring wells are provided on Figure 2 located in Attachment A. Findings of the push probe sampling confirm that the VC present in MW-170D is anomalous based on relative concentration and absence of DCE. The anomalous presence of VC in MW-170D is indicative of a source not related to the Genuine Parts site.

Potential Sources of VC in Groundwater At MW-170D

Former dry cleaning operations at the Michigan Plaza located at 3801-3823 West Michigan Street (VRP #6061202) have caused significant PCE and related chlorinated solvent impacts on the Michigan Plaza site and Michigan Meadows Apartment property to the north across Michigan Street. These impacts are documented in reports prepared by Mundell and Associates, Inc (Mundell) on behalf of former property owner AIMCO. These reports include, but are not limited to, a Further Site Characterization Report dated May 10, 2006 (Mundell 2006), Further Site Investigation Addendum I Report dated April 1, 2007 (Mundell 2007), and Remediation Work Plan dated February 28, 2008 (Mundell 2008).

To date, three source areas related to past dry cleaning operations at the Michigan Plaza have been identified by Mundell investigations, including leaking sewer lines. Approximate general locations of the identified source areas are illustrated on Figure 1 from the Quarterly Monitoring Progress Report-First Quarter 2011 for the Plaza dated May 4, 2011 which is provided in Attachment E. These source areas have not been delineated and incomplete information is available regarding data collected during the Mundell investigations. Available data collected to date during the source investigations and subsequent remediation monitoring confirm that dry cleaner related impacts extend throughout the entire thickness of the saturated sand/sand & gravel unit (shallow and deep zones) and that the Michigan Plaza is the primary source of DCE and VC, as well as PCE and TCE, to groundwater within the identified Michigan Plaza source areas, as further discussed below.

In 2007, soil borings and monitoring wells were installed in the southern portion of the Michigan Meadows Apartments and northern portion of the Michigan Plaza property to further investigate potential leaking sewer line impacts identified during previous investigations (Mundell 2006, Mundell 2007). Soil data from borings MMW-8S, MMW-9S, MMW-10S, MMW-P-07, and MMW-P-08 located in Source Areas B and C indicated PCE concentrations ranging from approximately 70 to 450 times the IDEM RISC guidance delineation criteria (RDCL). The samples were collected from a single depth at each boring ranging from about 14 to 20 feet below ground surface (bgs) depending upon the boring. Reportedly, and without adequate explanation, no other soil samples were collected for laboratory analysis from any other depths from any of these boring locations. Soil data collected during the FSI Addendum I investigation in 2007 are illustrated on Figure 1 of the related report. A copy of Figure 1 is provided in Attachment F for reference.

Limited hydrogeologic data or information on sample depth selection criteria is available for soil borings advanced to investigate Source Areas B and C. Most of the soil borings advanced by Mundell to investigate source areas along the sanitary sewer line were either partially or

completely blind drilled (Mundell 2007, Mundell 2008). These locations include GP-A-6, GP-A-7, GP-A-8, MMW-8S, MMW-9S, MMW-10S, MMW-P-7, MMW-P-8, and MMW-P-10S, MMW-P-10D. As a result, it is not clear whether maximum possible impacts were identified in any of these sewer line areas that were investigated by Mundell. In any event, the impacts were not fully delineated.

Push probe groundwater samples collected from soil borings advanced during the installation of MMW-8S, MMW-P-07 and MMW-P-08 in 2007 indicate that significant impacts related to the Michigan Plaza Site extend to depths of at least 40 feet below ground surface (Mundell, 2007). Deep groundwater monitoring wells have not been placed in these areas although requested by IDEM (IDEM FSI Addendum 1 Review Letter dated May 4, 2007). IDEM has expressed concern that DNAPL is present as a result of releases from the Michigan Plaza Site: "Based on the high levels of soil and groundwater contamination in the source areas, it is probable that NAPLs were released and may have sunk below the current monitoring network." (IDEM May 4, 2007). A copy of the IDEM correspondence is provided in Attachment G.

Only two deep monitoring wells have been installed by Mundell for the Michigan Plaza site (MMW-P-03D, MMW-P-10D). Data collected from these two deeps wells indicated the presence of PCE or TCE in groundwater prior to remediation and increases in daughter products DCE and VC by one to two orders of magnitude since remediation started in August 2007. In a correspondence dated January 22, 2010, IDEM states that "While the Michigan Plaza release initially contained primarily PCE, the aggressive bioremediation effort has increased vinyl chloride concentrations over 1000 times in some locations and has changed the equilibrium of the aquifer." DCE and VC have also increased by orders of magnitude in shallow wells located in Source Areas A, B, and C since remediation began at the Michigan Plaza Site. Data collected from these wells is provided in Table 3 of the Quarterly Monitoring Progress Report-First Quarter 2011 for the Plaza dated May 4, 2011. These findings further substantiate and confirm that impacts from the Michigan Plaza site including daughter products DCE and VC extend throughout the entire thickness of the saturated sand/sand and gravel unit (shallow and deep zones) and that the Michigan Plaza site is the primary source of the daughter products in groundwater within this area. A copy of Table 3 is provided in Attachment E.

The lateral and vertical extents of the soil and groundwater impacts from the Michigan Plaza site have not been delineated to RDCL as required by IDEM RISC guidance, the closure guidance for the Michigan Plaza site. As you know, in a comment letter for the FSI Addendum I Review dated May 4, 2007 and again in comment letter for the RWP Review data May 27, 2008, IDEM stated that the three source areas have not been delineated (Attachment G). It should be noted that Mundell stated that VC identified in a groundwater sample collected from GP-A-06 at a concentration above the RDCL is likely attributable to Source Area B (Mundell 2007). Boring location GP-A-06 is located approximately 150 feet west-northwest of MMW-08 which Mundell states is located in Source Area B (Mundell 2007). This data would suggest a westerly flow component exists for impacts from the leaking sewer line or other leaks are present west of the currently identified ones. As previously noted, locations GP-A-06 and MMW-08 were blind drilled. Figure 1 provided in Attachment E illustrates the locations of GP-A-06 and MMW-08. As you are aware, IDEM requested in a meeting held on October 15, 2009 that Mundell

complete a sewer camera investigation along the main sewer line present along Michigan Street in the direction of Holt Road. No documentation of such a study could be found. This statement considers a Mundell correspondence dated November 11, 2009 regarding a Further Sewer Evaluation for the Michigan Plaza site. In light of Mundell's findings regarding GP-A-06 such a camera study needs to be conducted to confirm whether leaks may have originated from the sewer line west of the 2006 Mundell camera study.

In the May 27, 2008 correspondence, IDEM also requested investigation beneath the Michigan Plaza building in the area of the former dry cleaner. In a response dated January 16, 2009, Mundell stated that sampling would be conducted in and around the Plaza building and Source Area B to further investigate impacts. No report or data could be found confirming the completion of this sampling.

Another apparent source area related to the past dry cleaner operations was identified by KERAMIDA in 2000. A soil sample collected from soil boring KB-24, advanced near the southwest corner of the Michigan Plaza property, contained a PCE concentration in soil approximately 275 times the RDCL (16 mg/kg). Figure 18 of the Genuine Parts Company Final RWP dated August 16, 2004 illustrates the sample location and PCE concentration. A copy of Figure 18 is provided in Attachment H. This concentration is similar to those identified along the leaking sanitary sewer in Source Areas B and C. Sample KB-24 (18-20) was collected near the point where the sanitary sewer line on the Plaza property turns north toward Michigan Street. Worn sewer joints and a sagging run (belly) that collects water was reported by Mundell for the north-south segment of the sewer that runs along the western side of the Plaza property (Mundell 2006). Worn sewer joints were identified in Source Areas B and C. The location of the sanitary sewer segments and Mundell 2006 findings are identified on Figure 3 located in Attachment A. Photographs illustrating worn joints in this segment from Mundell 2006 are also provided in Attachment I. No investigation of potential impacts from the western Belly/Offset sewer segment has been conducted by Mundell. This segment of sewer line is the closest to well cluster MW-170. If DNAPL were released from the sewer line in this area, it could move in cross gradient location toward MW-170D. As you know, IDEM has requested of AIMCO that a monitoring well be installed west to southwest of existing well MMW-P-3D to investigate the potential for Michigan Plaza related impacts to migrate to the West Vermont Residential Well Area (IDEM Additional Investigation Request 1-22-10). A second request was made by IDEM to install monitoring wells west of Michigan Plaza in a Revised Work Plan for Third Round of CAP18 ME Injections letter dated March 30, 2011. Copies of these letters are provided in Attachment G. To date there is no indication that any such monitoring wells have been installed.

At least one other potential source for the VC in groundwater near MW-170D area has been identified, the Allison Transmission Plant located at 4700 West 10th Street (Allison). Allison is located west-northwest of MW-170D. Groundwater flow in the saturated sand/sand & gravel unit is expected to be generally to the south-southeast based on regional hydrogeologic studies¹. Limited hydrogeologic and VOC data for groundwater is available for the area south of Allison. Salient related reports include the RCRA Facility Investigation Report dated February 20, 2009 prepared by Arcadis US, Inc (Arcadis), ENVIRON, and Exponent, Inc for General

Ms. Brittain

June 2, 2011

Page 6

Motors Corporation and the Vermont Street Investigation Report dated February 2010 prepared by Arcadis for General Motors Corporation. Further investigation to the west-northwest of MW-170D is needed to determine if the anomalous VC concentration in MW-170D is related to a source from the Allison site.

As discussed in our May 5, 2011 meeting, monitoring well clusters will be installed in Holt Road west of well clusters MW-165 and MW-166 upon approval of the encroachment license by the City of Indianapolis. These wells are being installed to further demonstrate that the Genuine Parts Company site is not a source of impacts identified in water supply wells of the West Vermont Residential Well Area. We will keep you apprised of these monitoring well installations, as well as, other remedial progress at the Genuine Parts Company site (VRP #6991004). Should you have any questions regarding this correspondence, please contact me at your convenience.

Very truly yours,

A handwritten signature in blue ink, reading "Andrew Gremos".

Andrew A. Gremos, LPG, CHMM
Principal Consultant

Enclosures

Footnote 1:

Fleming, A. H., Brown, S. E., and Ferguson, V. R., 1993, The Hydrogeologic Framework of Marion County, Indiana An Atlas Illustrating Hydrogeologic Terrain and Sequence, Indiana Geological Survey Open File Report 93-5, 67 p. and plates.

Brown, S.E., Laudick, A.J. [editors], 2003, Hydrogeologic framework of Marion County, Indiana: a digital atlas illustrating hydrogeologic terrain and sequence: Indiana Geological Survey Open-File Study 00-14, 15 pl.

Ms. Brittain

June 2, 2011

Page 7

**ATTACHMENT A
FIGURES**

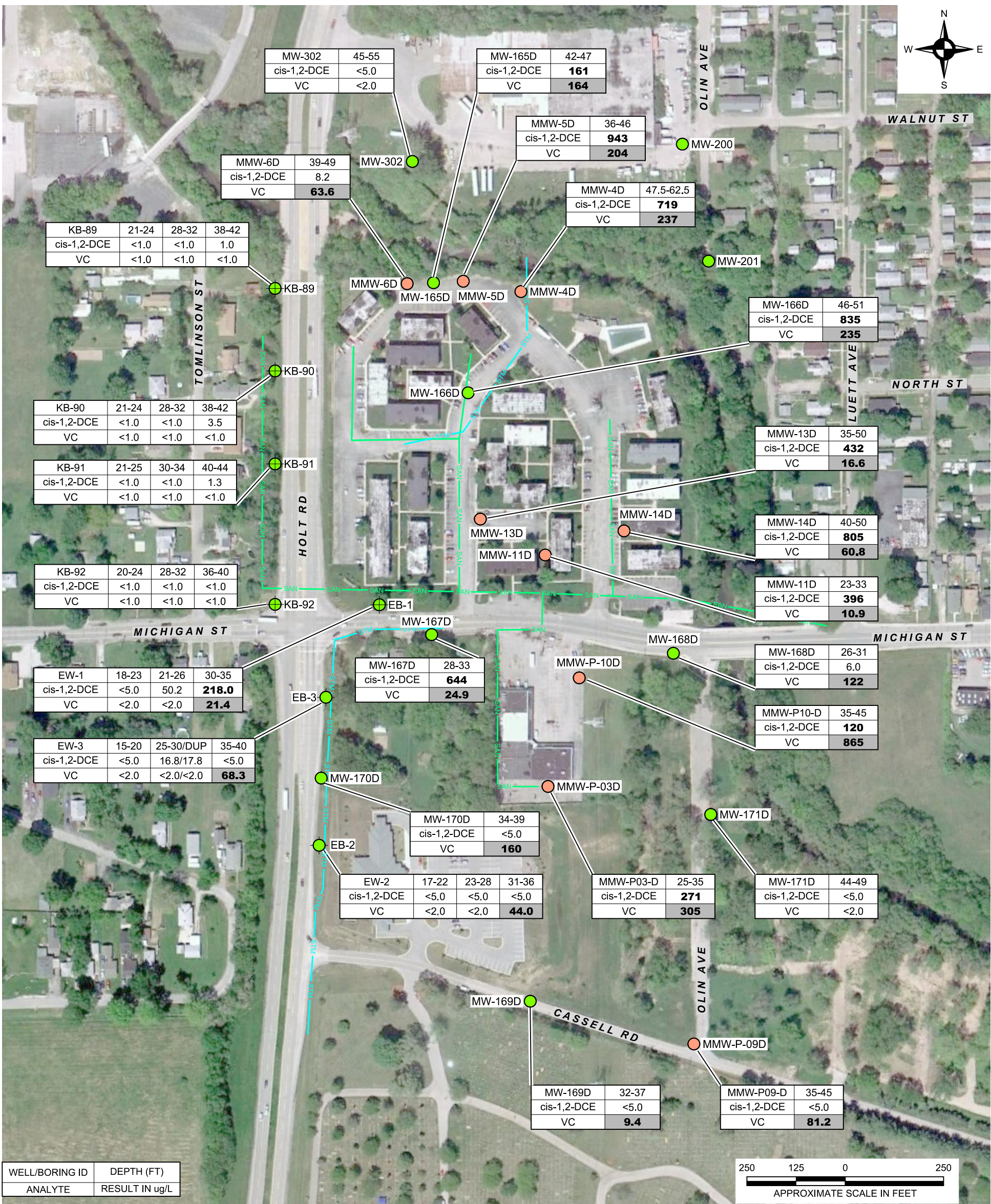


ENVIRON

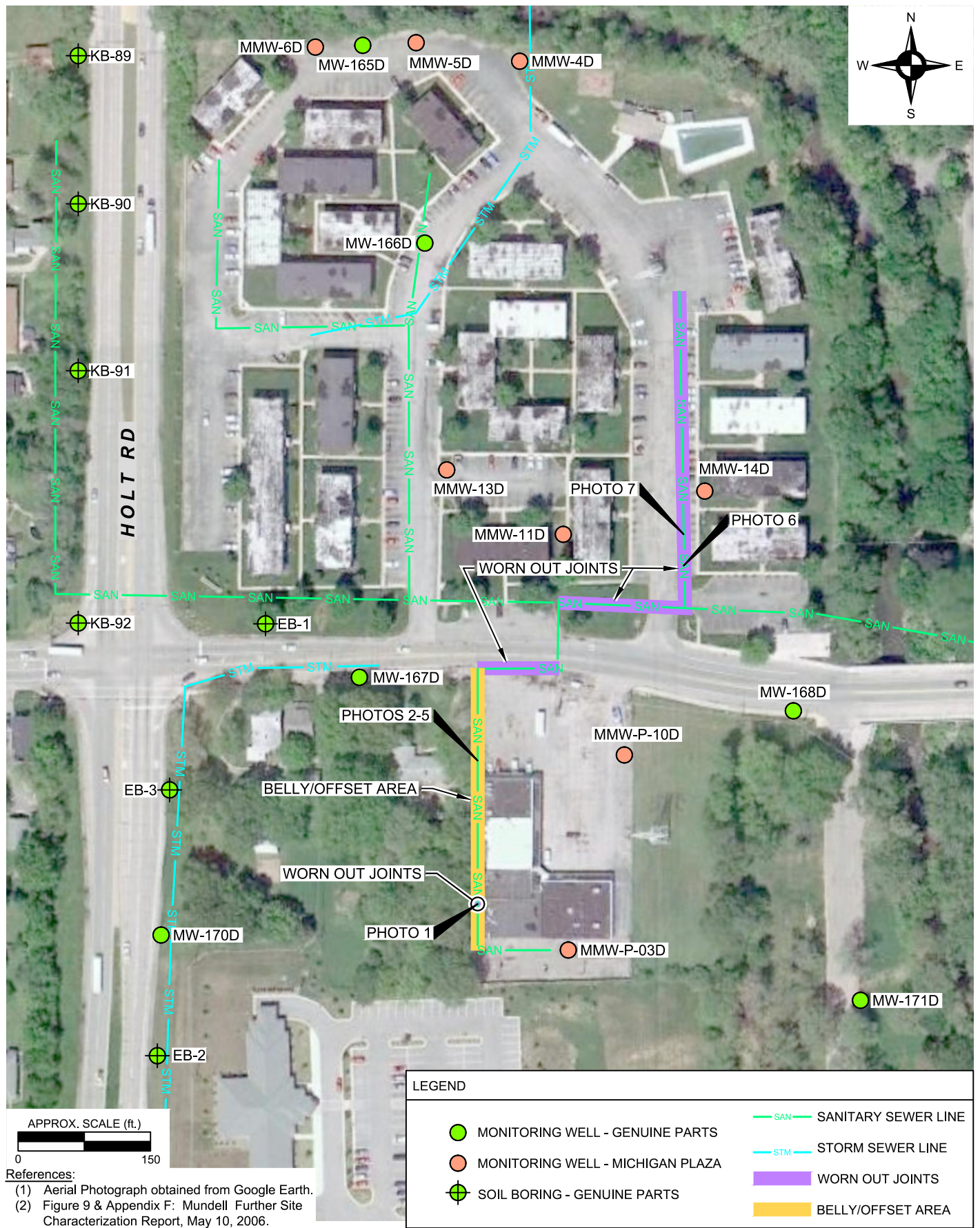
SOIL BORING LOCATION MAP
WEST MICHIGAN STREET AREA
INDIANAPOLIS, INDIANA

FIGURE
1

L:\Loop Project Files\00_CAD FILES\211Genuine Parts_Well Nest Install\2127415A\02_cis-1,2-DCE and Vinyl Chloride in Water.dwg



L:\Loop Project Files\00_CAD FILES\21Genuine Parts_Well Nest Install\2127415A\03_MUNDELL 2006 SC Investigation.dwg



ENVIRON

MUNDELL 2006 SEWER CAMERA INVESTIGATION
WEST MICHIGAN STREET AREA
INDIANAPOLIS, INDIANA

Figure
3

Drafter: APR

Date: 6/2/11

Contract Number: 21-27415A

Approved:

Revised:

Ms. Brittain

June 2, 2011

Page 8

ATTACHMENT B
SOIL BORING & TEMPORARY WELL LOGS



333 W. Wacker Drive, Suite 2700
Chicago, Illinois 60606

BOREHOLE / WELL LOG

EB-1

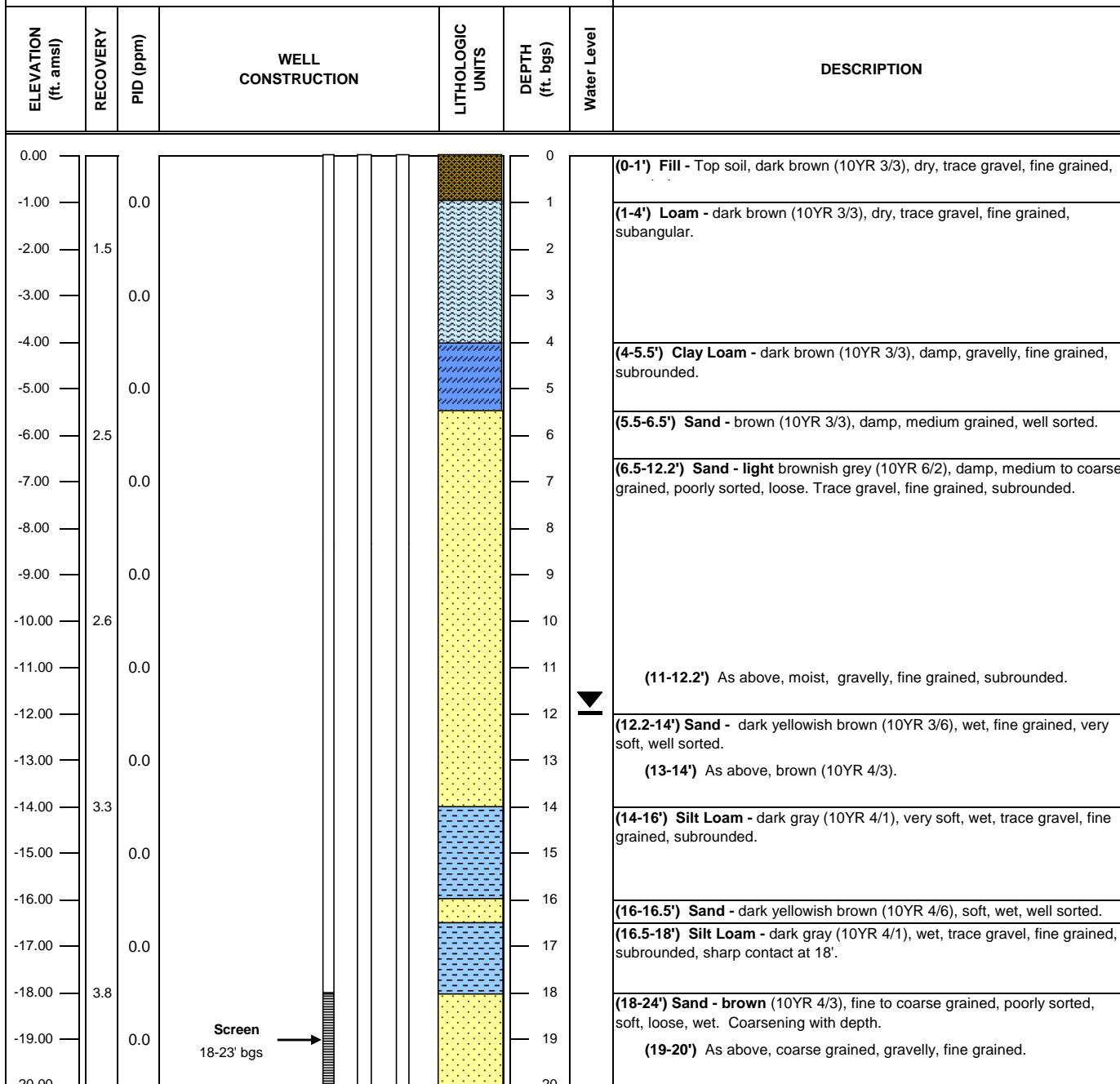
TOTAL DEPTH: 36 ft.

PROJECT: **Genuine Parts**
SITE LOCATION: **Indianapolis, IN**
DATE OF COMPLETION: **5/12/2011**
LOGGED BY: **Jeffrey Olyphant**

SURFACE ELEVATION (ft. AMSL):
TOP OF CASING ELEVATION (ft. AMSL):
DEPTH TO BOTTOM (ft. BTOC):
TOP OF SCREEN ELEVATION (ft. AMSL):
BOTTOM OF SCREEN ELEVATION (ft. BTOC):

NORTHING:
EASTING:

DRILLING COMPANY: Earth Exploration, Inc.
DRILLING METHOD: Direct Push



Notes: Collected soil sample EB-1-12 and water samples EW-1-18-23, EW-1-21-26, and EW-1-30-35. Water samples collected from 1" diameter PVC temporary wells. All samples analyzed for VOC's.



333 W. Wacker Drive, Suite 2700
Chicago, Illinois 60606

BOREHOLE / WELL LOG

EB-1

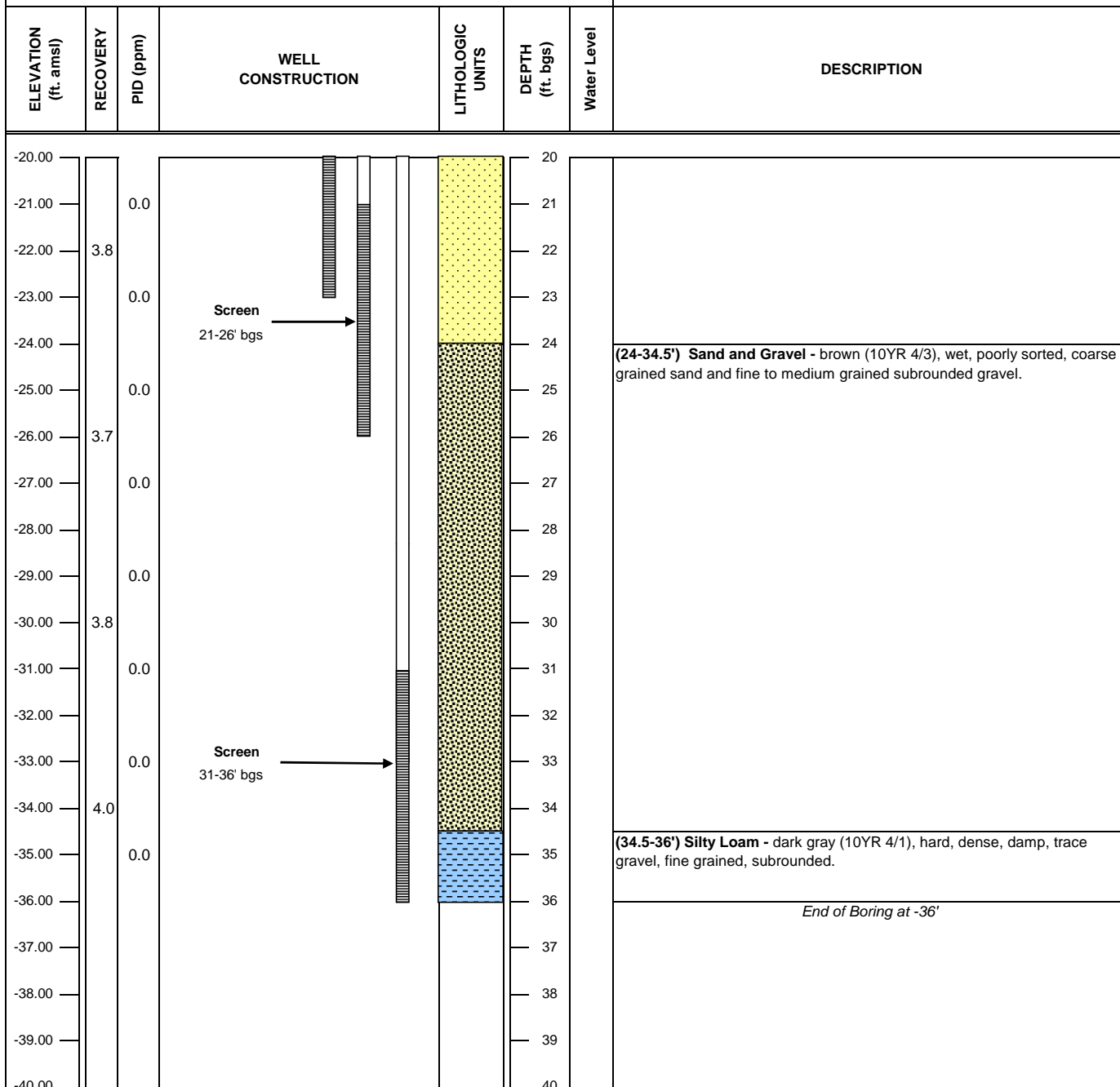
TOTAL DEPTH: 36 ft.

PROJECT: **Genuine Parts**
SITE LOCATION: **Indianapolis, IN**
DATE OF COMPLETION: **5/12/2011**
LOGGED BY: **Jeffrey Olyphant**

SURFACE ELEVATION (ft. AMSL):
TOP OF CASING ELEVATION (ft. AMSL):
DEPTH TO BOTTOM (ft. BTOC):
TOP OF SCREEN ELEVATION (ft. AMSL):
BOTTOM OF SCREEN ELEVATION (ft. BTOC):

NORTHING:
EASTING:

DRILLING COMPANY: Earth Exploration, Inc.
DRILLING METHOD: Direct Push



Notes: Collected soil sample EB-1-12 and water samples EW-1-18-23, EW-1-21-26, and EW-1-30-35. Water samples collected from 1" diameter PVC temporary wells. All samples analyzed for VOC's.



333 W. Wacker Drive, Suite 2700
Chicago, Illinois 60606

BOREHOLE / WELL LOG

EB-2

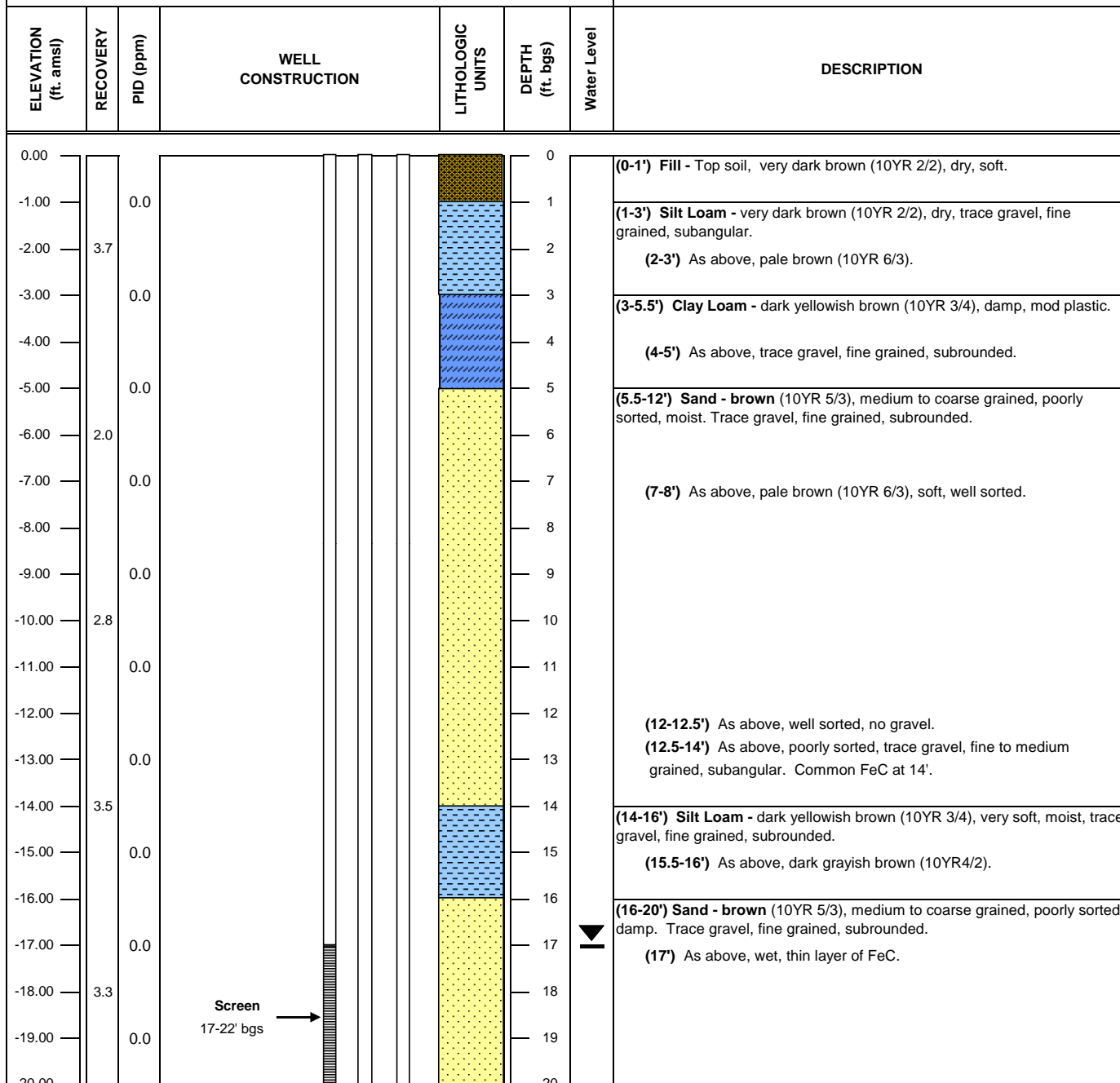
TOTAL DEPTH: 36 ft.

PROJECT: **Genuine Parts**
SITE LOCATION: **Indianapolis, IN**
DATE OF COMPLETION: **5/12/2011**
LOGGED BY: **Jeffrey Olyphant**

SURFACE ELEVATION (ft. AMSL):
TOP OF CASING ELEVATION (ft. AMSL):
DEPTH TO BOTTOM (ft. BTOC):
TOP OF SCREEN ELEVATION (ft. AMSL):
BOTTOM OF SCREEN ELEVATION (ft. BTOC):

NORTHING:
EASTING:

DRILLING COMPANY: Earth Exploration, Inc.
DRILLING METHOD: Direct Push



Notes: Collected soil sample EB-2-16 and water samples EW-2-17-22, EW-2-23-28, and EW-2-31-36. Water samples collected from 1" diameter PVC temporary wells. All samples analyzed for VOC's.



333 W. Wacker Drive, Suite 2700
Chicago, Illinois 60606

BOREHOLE / WELL LOG

EB-2

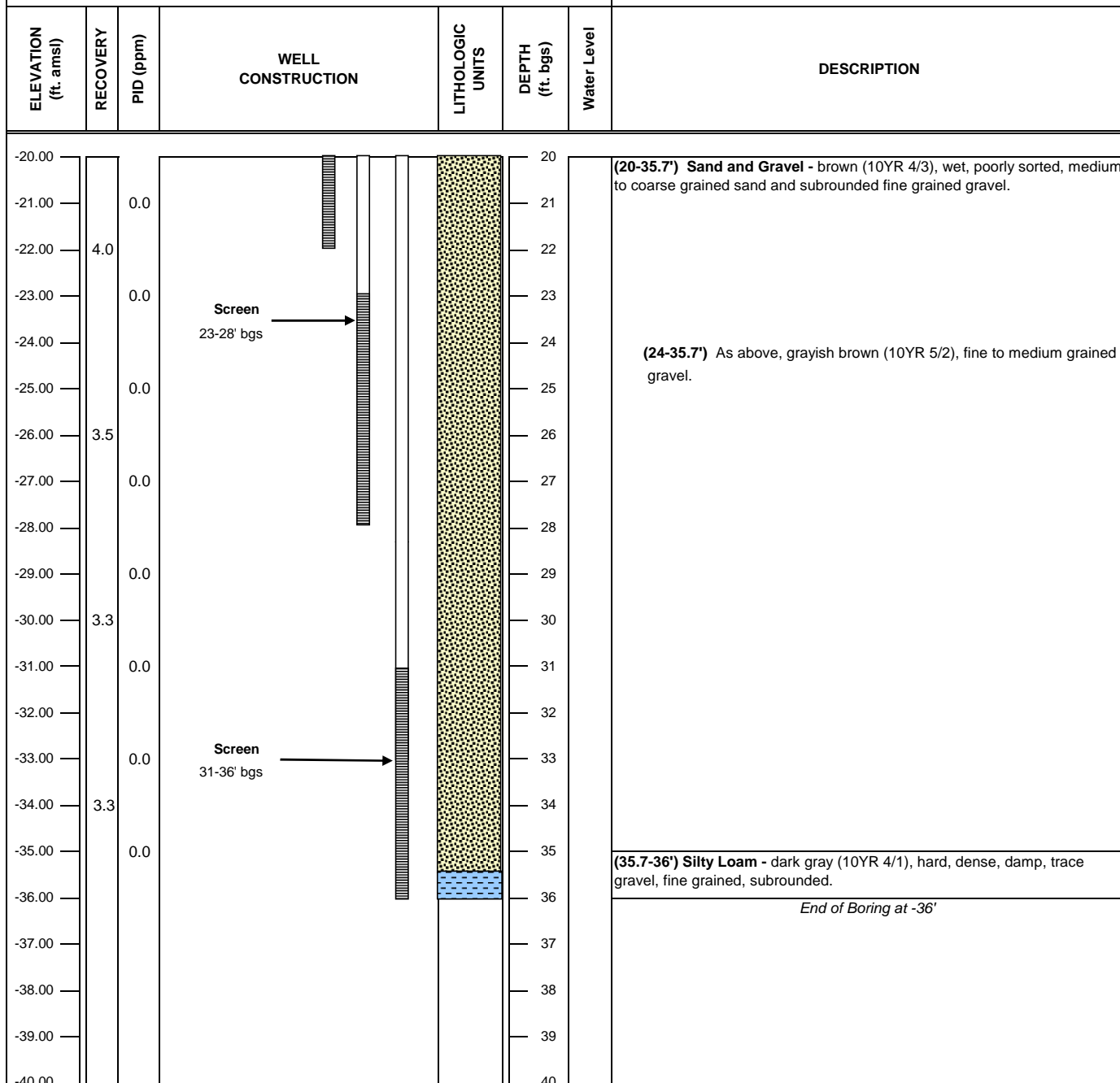
TOTAL DEPTH: 36 ft.

PROJECT: **Genuine Parts**
SITE LOCATION: **Indianapolis, IN**
DATE OF COMPLETION: **5/12/2011**
LOGGED BY: **Jeffrey Olyphant**

SURFACE ELEVATION (ft. AMSL):
TOP OF CASING ELEVATION (ft. AMSL):
DEPTH TO BOTTOM (ft. BTOC):
TOP OF SCREEN ELEVATION (ft. AMSL):
BOTTOM OF SCREEN ELEVATION (ft. BTOC):

NORTHING:
EASTING:

DRILLING COMPANY: Earth Exploration, Inc.
DRILLING METHOD: Direct Push



Notes: Collected soil sample EB-2-16 and water samples EW-2-17-22, EW-2-23-28, and EW-2-31-36. Water samples collected from 1" diameter PVC temporary wells. All samples analyzed for VOC's.



333 W. Wacker Drive, Suite 2700
Chicago, Illinois 60606

BOREHOLE / WELL LOG

EB-3

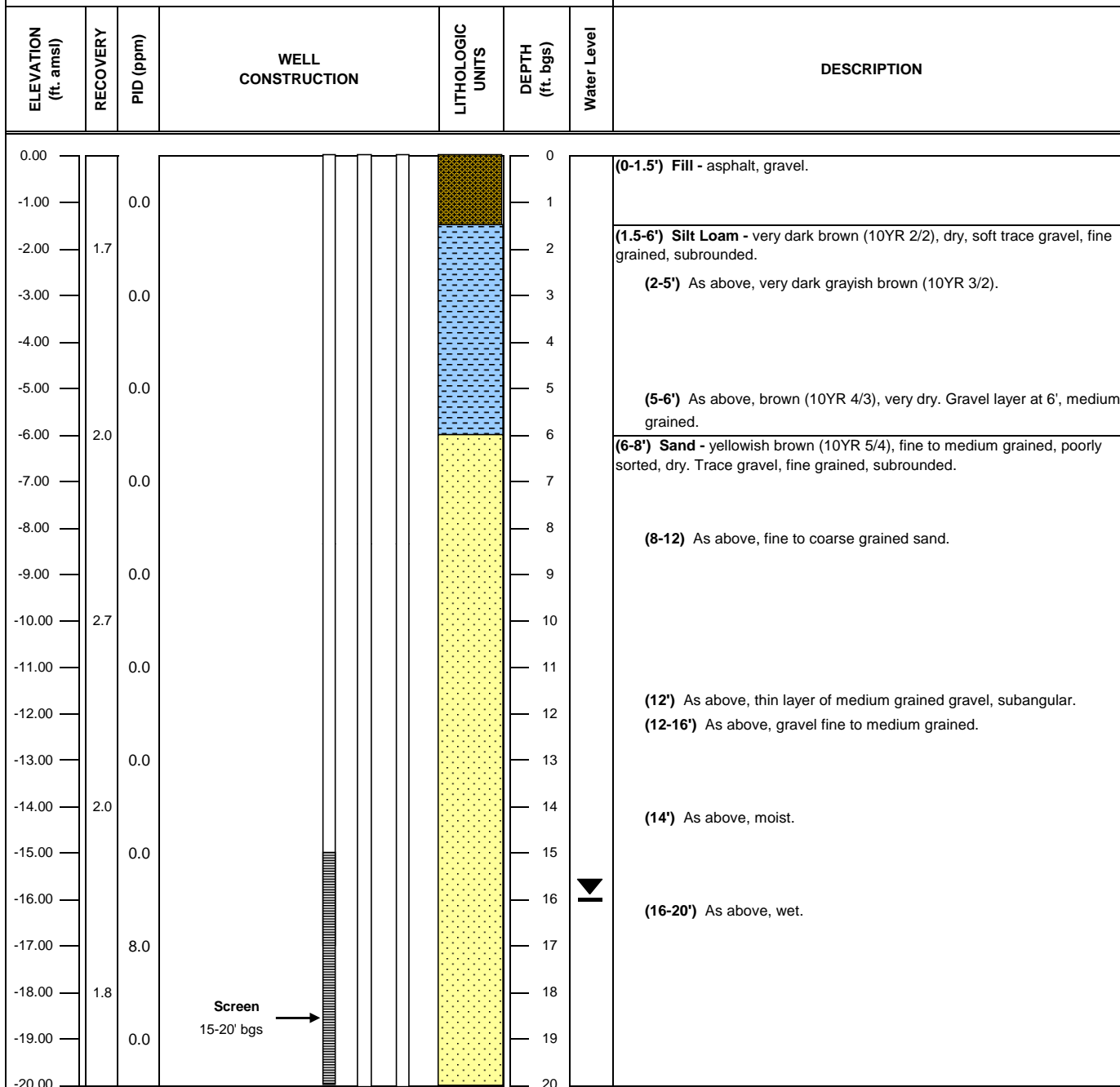
TOTAL DEPTH: 40 ft.

PROJECT: **Genuine Parts**
SITE LOCATION: **Indianapolis, IN**
DATE OF COMPLETION: **5/13/2011**
LOGGED BY: **Jeffrey Olyphant**

SURFACE ELEVATION (ft. AMSL):
TOP OF CASING ELEVATION (ft. AMSL):
DEPTH TO BOTTOM (ft. BTOC):
TOP OF SCREEN ELEVATION (ft. AMSL):
BOTTOM OF SCREEN ELEVATION (ft. BTOC):

NORTHING:
EASTING:

DRILLING COMPANY: Earth Exploration, Inc.
DRILLING METHOD: Direct Push



Notes: Collected soil sample EB-3-15.5 and water samples EW-3-15-20, EW-3-25-30, and EW-3-35-40. Water samples collected from 1" diameter PVC temporary wells. All samples analyzed for VOC's.



333 W. Wacker Drive, Suite 2700
Chicago, Illinois 60606

BOREHOLE / WELL LOG

EB-3

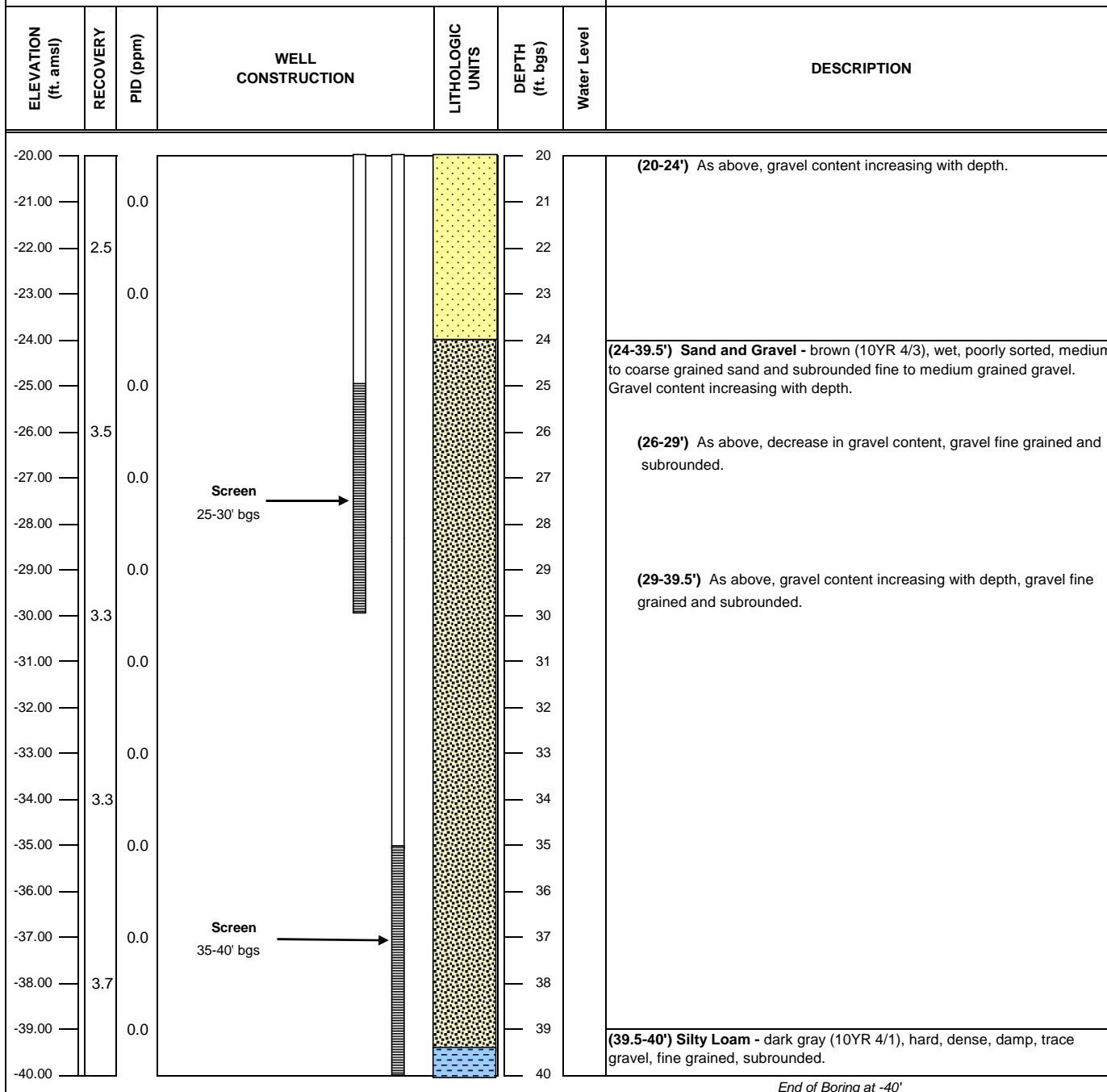
TOTAL DEPTH: 40 ft.

PROJECT: **Genuine Parts**
SITE LOCATION: **Indianapolis, IN**
DATE OF COMPLETION: **5/13/2011**
LOGGED BY: **Jeffrey Olyphant**

SURFACE ELEVATION (ft. AMSL):
TOP OF CASING ELEVATION (ft. AMSL):
DEPTH TO BOTTOM (ft. BTOC):
TOP OF SCREEN ELEVATION (ft. AMSL):
BOTTOM OF SCREEN ELEVATION (ft. BTOC):

NORTHING:
EASTING:

DRILLING COMPANY: Earth Exploration, Inc.
DRILLING METHOD: Direct Push



Notes: Collected soil sample EB-3-15.5 and water samples EW-3-15-20, EW-3-25-30, and EW-3-35-40. Water samples collected from 1" diameter PVC temporary wells. All samples analyzed for VOC's.

Ms. Brittain

June 2, 2011

Page 9

ATTACHMENT C
LABORATORY ANALYTICAL REPORTS

May 18, 2011

Mr. Andy Gremos
Environ
One Indiana Square
Indianapolis, IN 46204

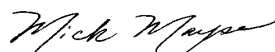
RE: Project: Genuine Parts/2127415A
Pace Project No.: 5048620

Dear Mr. Gremos:

Enclosed are the analytical results for sample(s) received by the laboratory on May 13, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mick Mayse

mick.mayse@pacelabs.com
Project Manager

Illinois/NELAC Certification #: 100418
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky Certification #: 0042
Louisiana Certification #: 04076
Ohio VAP: CL0065
Pennsylvania: 68-00791
West Virginia Certification #: 330

Enclosures

cc: Mary Cottingham, Environ

REPORT OF LABORATORY ANALYSIS

Page 1 of 56

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SAMPLE SUMMARY

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5048620001	EB-1-12	Solid	05/12/11 09:35	05/13/11 13:46
5048620002	EB-2-16	Solid	05/12/11 15:10	05/13/11 13:46
5048620003	EB-3-15.5	Solid	05/13/11 09:10	05/13/11 13:46
5048620004	EB-3-15.5 Dup	Solid	05/13/11 09:10	05/13/11 13:46
5048620005	EW-1-30-35	Water	05/13/11 13:13	05/13/11 13:46
5048620006	EW-1-21-26	Water	05/12/11 13:59	05/13/11 13:46
5048620007	EW-2-31-36	Water	05/12/11 17:10	05/13/11 13:46
5048620008	EW-2-23-28	Water	05/13/11 08:05	05/13/11 13:46
5048620009	EW-2-17-22	Water	05/13/11 08:20	05/13/11 13:46
5048620010	EW-3-35-40	Water	05/13/11 12:16	05/13/11 13:46
5048620011	EW-3-15-20	Water	05/13/11 12:10	05/13/11 13:46
5048620012	EW-3-25-30	Water	05/13/11 11:55	05/13/11 13:46
5048620013	EW-3-25-30 Dup	Water	05/13/11 11:55	05/13/11 13:46
5048620014	EW-1-18-23	Water	05/13/11 13:07	05/13/11 13:46
5048620015	Trip Blank-Water	Water	05/12/11 08:00	05/13/11 13:46
5048620016	Trip Blank-Soil	Water	05/12/11 08:00	05/13/11 13:46

REPORT OF LABORATORY ANALYSIS

Page 2 of 56

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SAMPLE ANALYTE COUNT

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5048620001	EB-1-12	EPA 8260	ALA	73
		ASTM D2974-87	JRR	1
5048620002	EB-2-16	EPA 8260	ALA	73
		ASTM D2974-87	JRR	1
5048620003	EB-3-15.5	EPA 8260	ALA	73
		ASTM D2974-87	JRR	1
5048620004	EB-3-15.5 Dup	EPA 8260	ALA	73
		ASTM D2974-87	JRR	1
5048620005	EW-1-30-35	EPA 8260	ALA	73
5048620006	EW-1-21-26	EPA 8260	ALA	73
5048620007	EW-2-31-36	EPA 8260	ALA	73
5048620008	EW-2-23-28	EPA 8260	ALA	73
5048620009	EW-2-17-22	EPA 8260	ALA	73
5048620010	EW-3-35-40	EPA 8260	ALA	73
5048620011	EW-3-15-20	EPA 8260	ALA	73
5048620012	EW-3-25-30	EPA 8260	ALA	73
5048620013	EW-3-25-30 Dup	EPA 8260	ALA	73
5048620014	EW-1-18-23	EPA 8260	ALA	73
5048620015	Trip Blank-Water	EPA 8260	ALA	73
5048620016	Trip Blank-Soil	EPA 8260	ALA	73

REPORT OF LABORATORY ANALYSIS

Page 3 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EB-1-12 Lab ID: 5048620001 Collected: 05/12/11 09:35 Received: 05/13/11 13:46 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	124	ug/kg	94.8	1		05/14/11 10:17	67-64-1	
Acrolein	ND	ug/kg	94.8	1		05/14/11 10:17	107-02-8	
Acrylonitrile	ND	ug/kg	94.8	1		05/14/11 10:17	107-13-1	
Benzene	ND	ug/kg	4.7	1		05/14/11 10:17	71-43-2	
Bromobenzene	ND	ug/kg	4.7	1		05/14/11 10:17	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	1		05/14/11 10:17	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	1		05/14/11 10:17	75-27-4	
Bromoform	ND	ug/kg	4.7	1		05/14/11 10:17	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		05/14/11 10:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.7	1		05/14/11 10:17	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		05/14/11 10:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		05/14/11 10:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.7	1		05/14/11 10:17	98-06-6	
Carbon disulfide	ND	ug/kg	9.5	1		05/14/11 10:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		05/14/11 10:17	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		05/14/11 10:17	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		05/14/11 10:17	75-00-3	
Chloroform	ND	ug/kg	4.7	1		05/14/11 10:17	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		05/14/11 10:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.7	1		05/14/11 10:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.7	1		05/14/11 10:17	106-43-4	
Dibromochloromethane	ND	ug/kg	4.7	1		05/14/11 10:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1		05/14/11 10:17	106-93-4	
Dibromomethane	ND	ug/kg	4.7	1		05/14/11 10:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		05/14/11 10:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		05/14/11 10:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		05/14/11 10:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	94.8	1		05/14/11 10:17	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.7	1		05/14/11 10:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.7	1		05/14/11 10:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		05/14/11 10:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.7	1		05/14/11 10:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		05/14/11 10:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		05/14/11 10:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		05/14/11 10:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.7	1		05/14/11 10:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.7	1		05/14/11 10:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.7	1		05/14/11 10:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		05/14/11 10:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		05/14/11 10:17	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1		05/14/11 10:17	100-41-4	
Ethyl methacrylate	ND	ug/kg	94.8	1		05/14/11 10:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1		05/14/11 10:17	87-68-3	
n-Hexane	ND	ug/kg	4.7	1		05/14/11 10:17	110-54-3	
2-Hexanone	ND	ug/kg	94.8	1		05/14/11 10:17	591-78-6	
Iodomethane	ND	ug/kg	94.8	1		05/14/11 10:17	74-88-4	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 4 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EB-1-12 Lab ID: 5048620001 Collected: 05/12/11 09:35 Received: 05/13/11 13:46 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		05/14/11 10:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		05/14/11 10:17	99-87-6	
Methylene chloride	ND	ug/kg	19.0	1		05/14/11 10:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.7	1		05/14/11 10:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		05/14/11 10:17	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		05/14/11 10:17	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		05/14/11 10:17	103-65-1	
Styrene	ND	ug/kg	4.7	1		05/14/11 10:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	1		05/14/11 10:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		05/14/11 10:17	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		05/14/11 10:17	127-18-4	
Toluene	ND	ug/kg	4.7	1		05/14/11 10:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	1		05/14/11 10:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		05/14/11 10:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		05/14/11 10:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		05/14/11 10:17	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		05/14/11 10:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1		05/14/11 10:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1		05/14/11 10:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		05/14/11 10:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		05/14/11 10:17	108-67-8	
Vinyl acetate	ND	ug/kg	94.8	1		05/14/11 10:17	108-05-4	
Vinyl chloride	ND	ug/kg	4.7	1		05/14/11 10:17	75-01-4	
Xylene (Total)	ND	ug/kg	9.5	1		05/14/11 10:17	1330-20-7	
Dibromofluoromethane (S)	93 %		71-125	1		05/14/11 10:17	1868-53-7	
Toluene-d8 (S)	87 %		76-124	1		05/14/11 10:17	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-134	1		05/14/11 10:17	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	14.4 %	0.10	1	05/16/11 12:50
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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EB-2-16 Lab ID: 5048620002 Collected: 05/12/11 15:10 Received: 05/13/11 13:46 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	89.1	ug/kg	76.0	1		05/14/11 10:49	67-64-1	
Acrolein	ND	ug/kg	76.0	1		05/14/11 10:49	107-02-8	
Acrylonitrile	ND	ug/kg	76.0	1		05/14/11 10:49	107-13-1	
Benzene	ND	ug/kg	3.8	1		05/14/11 10:49	71-43-2	
Bromobenzene	ND	ug/kg	3.8	1		05/14/11 10:49	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	1		05/14/11 10:49	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	1		05/14/11 10:49	75-27-4	
Bromoform	ND	ug/kg	3.8	1		05/14/11 10:49	75-25-2	
Bromomethane	ND	ug/kg	3.8	1		05/14/11 10:49	74-83-9	
2-Butanone (MEK)	ND	ug/kg	19.0	1		05/14/11 10:49	78-93-3	
n-Butylbenzene	ND	ug/kg	3.8	1		05/14/11 10:49	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.8	1		05/14/11 10:49	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.8	1		05/14/11 10:49	98-06-6	
Carbon disulfide	ND	ug/kg	7.6	1		05/14/11 10:49	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	1		05/14/11 10:49	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1		05/14/11 10:49	108-90-7	
Chloroethane	ND	ug/kg	3.8	1		05/14/11 10:49	75-00-3	
Chloroform	ND	ug/kg	3.8	1		05/14/11 10:49	67-66-3	
Chloromethane	ND	ug/kg	3.8	1		05/14/11 10:49	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.8	1		05/14/11 10:49	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.8	1		05/14/11 10:49	106-43-4	
Dibromochloromethane	ND	ug/kg	3.8	1		05/14/11 10:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1		05/14/11 10:49	106-93-4	
Dibromomethane	ND	ug/kg	3.8	1		05/14/11 10:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.8	1		05/14/11 10:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1		05/14/11 10:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1		05/14/11 10:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	76.0	1		05/14/11 10:49	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	3.8	1		05/14/11 10:49	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.8	1		05/14/11 10:49	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.8	1		05/14/11 10:49	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.8	1		05/14/11 10:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	1		05/14/11 10:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1		05/14/11 10:49	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.8	1		05/14/11 10:49	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.8	1		05/14/11 10:49	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.8	1		05/14/11 10:49	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.8	1		05/14/11 10:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1		05/14/11 10:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1		05/14/11 10:49	10061-02-6	
Ethylbenzene	ND	ug/kg	3.8	1		05/14/11 10:49	100-41-4	
Ethyl methacrylate	ND	ug/kg	76.0	1		05/14/11 10:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	1		05/14/11 10:49	87-68-3	
n-Hexane	ND	ug/kg	3.8	1		05/14/11 10:49	110-54-3	
2-Hexanone	ND	ug/kg	76.0	1		05/14/11 10:49	591-78-6	
Iodomethane	ND	ug/kg	76.0	1		05/14/11 10:49	74-88-4	

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REPORT OF LABORATORY ANALYSIS

Page 6 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EB-2-16 Lab ID: 5048620002 Collected: 05/12/11 15:10 Received: 05/13/11 13:46 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1		05/14/11 10:49	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.8	1		05/14/11 10:49	99-87-6	
Methylene chloride	ND	ug/kg	15.2	1		05/14/11 10:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19.0	1		05/14/11 10:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1		05/14/11 10:49	1634-04-4	
Naphthalene	ND	ug/kg	3.8	1		05/14/11 10:49	91-20-3	
n-Propylbenzene	ND	ug/kg	3.8	1		05/14/11 10:49	103-65-1	
Styrene	ND	ug/kg	3.8	1		05/14/11 10:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	1		05/14/11 10:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1		05/14/11 10:49	79-34-5	
Tetrachloroethene	ND	ug/kg	3.8	1		05/14/11 10:49	127-18-4	
Toluene	ND	ug/kg	3.8	1		05/14/11 10:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	1		05/14/11 10:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1		05/14/11 10:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.8	1		05/14/11 10:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.8	1		05/14/11 10:49	79-00-5	
Trichloroethene	ND	ug/kg	3.8	1		05/14/11 10:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	1		05/14/11 10:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.8	1		05/14/11 10:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	1		05/14/11 10:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	1		05/14/11 10:49	108-67-8	
Vinyl acetate	ND	ug/kg	76.0	1		05/14/11 10:49	108-05-4	
Vinyl chloride	ND	ug/kg	3.8	1		05/14/11 10:49	75-01-4	
Xylene (Total)	ND	ug/kg	7.6	1		05/14/11 10:49	1330-20-7	
Dibromofluoromethane (S)	94 %		71-125	1		05/14/11 10:49	1868-53-7	
Toluene-d8 (S)	92 %		76-124	1		05/14/11 10:49	2037-26-5	
4-Bromofluorobenzene (S)	95 %		67-134	1		05/14/11 10:49	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	9.4 %	0.10	1	05/16/11 12:50
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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EB-3-15.5 Lab ID: 5048620003 Collected: 05/13/11 09:10 Received: 05/13/11 13:46 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	86.5	1		05/14/11 04:09	67-64-1	
Acrolein	ND	ug/kg	86.5	1		05/14/11 04:09	107-02-8	
Acrylonitrile	ND	ug/kg	86.5	1		05/14/11 04:09	107-13-1	
Benzene	ND	ug/kg	4.3	1		05/14/11 04:09	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		05/14/11 04:09	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		05/14/11 04:09	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		05/14/11 04:09	75-27-4	
Bromoform	ND	ug/kg	4.3	1		05/14/11 04:09	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		05/14/11 04:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.6	1		05/14/11 04:09	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		05/14/11 04:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		05/14/11 04:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		05/14/11 04:09	98-06-6	
Carbon disulfide	ND	ug/kg	8.6	1		05/14/11 04:09	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		05/14/11 04:09	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		05/14/11 04:09	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		05/14/11 04:09	75-00-3	
Chloroform	ND	ug/kg	4.3	1		05/14/11 04:09	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		05/14/11 04:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		05/14/11 04:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		05/14/11 04:09	106-43-4	
Dibromochloromethane	ND	ug/kg	4.3	1		05/14/11 04:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		05/14/11 04:09	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		05/14/11 04:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		05/14/11 04:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		05/14/11 04:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		05/14/11 04:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	86.5	1		05/14/11 04:09	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.3	1		05/14/11 04:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		05/14/11 04:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		05/14/11 04:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		05/14/11 04:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		05/14/11 04:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		05/14/11 04:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		05/14/11 04:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		05/14/11 04:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		05/14/11 04:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		05/14/11 04:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		05/14/11 04:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		05/14/11 04:09	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		05/14/11 04:09	100-41-4	
Ethyl methacrylate	ND	ug/kg	86.5	1		05/14/11 04:09	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		05/14/11 04:09	87-68-3	
n-Hexane	ND	ug/kg	4.3	1		05/14/11 04:09	110-54-3	
2-Hexanone	ND	ug/kg	86.5	1		05/14/11 04:09	591-78-6	
Iodomethane	ND	ug/kg	86.5	1		05/14/11 04:09	74-88-4	

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REPORT OF LABORATORY ANALYSIS

Page 8 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EB-3-15.5 Lab ID: 5048620003 Collected: 05/13/11 09:10 Received: 05/13/11 13:46 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		05/14/11 04:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		05/14/11 04:09	99-87-6	
Methylene chloride	ND	ug/kg	17.3	1		05/14/11 04:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.6	1		05/14/11 04:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		05/14/11 04:09	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1		05/14/11 04:09	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		05/14/11 04:09	103-65-1	
Styrene	ND	ug/kg	4.3	1		05/14/11 04:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		05/14/11 04:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		05/14/11 04:09	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		05/14/11 04:09	127-18-4	
Toluene	ND	ug/kg	4.3	1		05/14/11 04:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		05/14/11 04:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		05/14/11 04:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		05/14/11 04:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		05/14/11 04:09	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		05/14/11 04:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		05/14/11 04:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		05/14/11 04:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		05/14/11 04:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		05/14/11 04:09	108-67-8	
Vinyl acetate	ND	ug/kg	86.5	1		05/14/11 04:09	108-05-4	
Vinyl chloride	ND	ug/kg	4.3	1		05/14/11 04:09	75-01-4	
Xylene (Total)	ND	ug/kg	8.6	1		05/14/11 04:09	1330-20-7	
Dibromofluoromethane (S)	94 %		71-125	1		05/14/11 04:09	1868-53-7	
Toluene-d8 (S)	86 %		76-124	1		05/14/11 04:09	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-134	1		05/14/11 04:09	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	4.1 %	0.10	1	05/16/11 12:50
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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EB-3-15.5 Dup Lab ID: 5048620004 Collected: 05/13/11 09:10 Received: 05/13/11 13:46 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	71.7	1		05/14/11 04:41	67-64-1	
Acrolein	ND	ug/kg	71.7	1		05/14/11 04:41	107-02-8	
Acrylonitrile	ND	ug/kg	71.7	1		05/14/11 04:41	107-13-1	
Benzene	ND	ug/kg	3.6	1		05/14/11 04:41	71-43-2	
Bromobenzene	ND	ug/kg	3.6	1		05/14/11 04:41	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	1		05/14/11 04:41	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	1		05/14/11 04:41	75-27-4	
Bromoform	ND	ug/kg	3.6	1		05/14/11 04:41	75-25-2	
Bromomethane	ND	ug/kg	3.6	1		05/14/11 04:41	74-83-9	
2-Butanone (MEK)	ND	ug/kg	17.9	1		05/14/11 04:41	78-93-3	
n-Butylbenzene	ND	ug/kg	3.6	1		05/14/11 04:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.6	1		05/14/11 04:41	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.6	1		05/14/11 04:41	98-06-6	
Carbon disulfide	ND	ug/kg	7.2	1		05/14/11 04:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.6	1		05/14/11 04:41	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	1		05/14/11 04:41	108-90-7	
Chloroethane	ND	ug/kg	3.6	1		05/14/11 04:41	75-00-3	
Chloroform	ND	ug/kg	3.6	1		05/14/11 04:41	67-66-3	
Chloromethane	ND	ug/kg	3.6	1		05/14/11 04:41	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.6	1		05/14/11 04:41	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.6	1		05/14/11 04:41	106-43-4	
Dibromochloromethane	ND	ug/kg	3.6	1		05/14/11 04:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	1		05/14/11 04:41	106-93-4	
Dibromomethane	ND	ug/kg	3.6	1		05/14/11 04:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.6	1		05/14/11 04:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.6	1		05/14/11 04:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.6	1		05/14/11 04:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	71.7	1		05/14/11 04:41	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	3.6	1		05/14/11 04:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.6	1		05/14/11 04:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.6	1		05/14/11 04:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.6	1		05/14/11 04:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	1		05/14/11 04:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	1		05/14/11 04:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.6	1		05/14/11 04:41	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.6	1		05/14/11 04:41	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.6	1		05/14/11 04:41	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.6	1		05/14/11 04:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	1		05/14/11 04:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	1		05/14/11 04:41	10061-02-6	
Ethylbenzene	ND	ug/kg	3.6	1		05/14/11 04:41	100-41-4	
Ethyl methacrylate	ND	ug/kg	71.7	1		05/14/11 04:41	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	1		05/14/11 04:41	87-68-3	
n-Hexane	ND	ug/kg	3.6	1		05/14/11 04:41	110-54-3	
2-Hexanone	ND	ug/kg	71.7	1		05/14/11 04:41	591-78-6	
Iodomethane	ND	ug/kg	71.7	1		05/14/11 04:41	74-88-4	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 10 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EB-3-15.5 Dup Lab ID: 5048620004 Collected: 05/13/11 09:10 Received: 05/13/11 13:46 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	1		05/14/11 04:41	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.6	1		05/14/11 04:41	99-87-6	
Methylene chloride	ND	ug/kg	14.3	1		05/14/11 04:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.9	1		05/14/11 04:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.6	1		05/14/11 04:41	1634-04-4	
Naphthalene	ND	ug/kg	3.6	1		05/14/11 04:41	91-20-3	
n-Propylbenzene	ND	ug/kg	3.6	1		05/14/11 04:41	103-65-1	
Styrene	ND	ug/kg	3.6	1		05/14/11 04:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	1		05/14/11 04:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	1		05/14/11 04:41	79-34-5	
Tetrachloroethene	ND	ug/kg	3.6	1		05/14/11 04:41	127-18-4	
Toluene	ND	ug/kg	3.6	1		05/14/11 04:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	1		05/14/11 04:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	1		05/14/11 04:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.6	1		05/14/11 04:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.6	1		05/14/11 04:41	79-00-5	
Trichloroethene	ND	ug/kg	3.6	1		05/14/11 04:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	1		05/14/11 04:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.6	1		05/14/11 04:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	1		05/14/11 04:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	1		05/14/11 04:41	108-67-8	
Vinyl acetate	ND	ug/kg	71.7	1		05/14/11 04:41	108-05-4	
Vinyl chloride	ND	ug/kg	3.6	1		05/14/11 04:41	75-01-4	
Xylene (Total)	ND	ug/kg	7.2	1		05/14/11 04:41	1330-20-7	
Dibromofluoromethane (S)	92 %		71-125	1		05/14/11 04:41	1868-53-7	
Toluene-d8 (S)	86 %		76-124	1		05/14/11 04:41	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-134	1		05/14/11 04:41	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	3.6 %	0.10	1	05/16/11 12:51
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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-1-30-35		Lab ID: 5048620005	Collected: 05/13/11 13:13	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND ug/L		100	1		05/14/11 05:13	67-64-1	
Acrolein	ND ug/L		50.0	1		05/14/11 05:13	107-02-8	
Acrylonitrile	ND ug/L		100	1		05/14/11 05:13	107-13-1	
Benzene	ND ug/L		5.0	1		05/14/11 05:13	71-43-2	
Bromobenzene	ND ug/L		5.0	1		05/14/11 05:13	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		05/14/11 05:13	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		05/14/11 05:13	75-27-4	
Bromoform	ND ug/L		5.0	1		05/14/11 05:13	75-25-2	
Bromomethane	ND ug/L		5.0	1		05/14/11 05:13	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		05/14/11 05:13	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		05/14/11 05:13	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		05/14/11 05:13	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		05/14/11 05:13	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		05/14/11 05:13	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		05/14/11 05:13	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		05/14/11 05:13	108-90-7	
Chloroethane	ND ug/L		5.0	1		05/14/11 05:13	75-00-3	
Chloroform	ND ug/L		5.0	1		05/14/11 05:13	67-66-3	
Chloromethane	ND ug/L		5.0	1		05/14/11 05:13	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		05/14/11 05:13	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		05/14/11 05:13	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		05/14/11 05:13	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		05/14/11 05:13	106-93-4	
Dibromomethane	ND ug/L		5.0	1		05/14/11 05:13	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		05/14/11 05:13	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		05/14/11 05:13	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		05/14/11 05:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		05/14/11 05:13	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		05/14/11 05:13	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		05/14/11 05:13	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		05/14/11 05:13	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		05/14/11 05:13	75-35-4	
cis-1,2-Dichloroethene	218 ug/L		5.0	1		05/14/11 05:13	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		05/14/11 05:13	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		05/14/11 05:13	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		05/14/11 05:13	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		05/14/11 05:13	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		05/14/11 05:13	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		05/14/11 05:13	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		05/14/11 05:13	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		05/14/11 05:13	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		05/14/11 05:13	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		05/14/11 05:13	87-68-3	
n-Hexane	ND ug/L		5.0	1		05/14/11 05:13	110-54-3	
2-Hexanone	ND ug/L		25.0	1		05/14/11 05:13	591-78-6	
Iodomethane	ND ug/L		10.0	1		05/14/11 05:13	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		05/14/11 05:13	98-82-8	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 12 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-1-30-35		Lab ID: 5048620005	Collected: 05/13/11 13:13	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND ug/L		5.0	1		05/14/11 05:13	99-87-6	
Methylene chloride	ND ug/L		5.0	1		05/14/11 05:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		05/14/11 05:13	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		05/14/11 05:13	1634-04-4	
Naphthalene	ND ug/L		5.0	1		05/14/11 05:13	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		05/14/11 05:13	103-65-1	
Styrene	ND ug/L		5.0	1		05/14/11 05:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 05:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 05:13	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		05/14/11 05:13	127-18-4	
Toluene	ND ug/L		5.0	1		05/14/11 05:13	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 05:13	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 05:13	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		05/14/11 05:13	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		05/14/11 05:13	79-00-5	
Trichloroethene	ND ug/L		5.0	1		05/14/11 05:13	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		05/14/11 05:13	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		05/14/11 05:13	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 05:13	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 05:13	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		05/14/11 05:13	108-05-4	
Vinyl chloride	21.4 ug/L		2.0	1		05/14/11 05:13	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		05/14/11 05:13	1330-20-7	
Dibromofluoromethane (S)	94 %		83-123	1		05/14/11 05:13	1868-53-7	
4-Bromofluorobenzene (S)	99 %		72-125	1		05/14/11 05:13	460-00-4	
Toluene-d8 (S)	87 %		81-114	1		05/14/11 05:13	2037-26-5	

ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-1-21-26		Lab ID: 5048620006	Collected: 05/12/11 13:59	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		05/14/11 05:44	67-64-1	
Acrolein	ND	ug/L	50.0	1		05/14/11 05:44	107-02-8	
Acrylonitrile	ND	ug/L	100	1		05/14/11 05:44	107-13-1	
Benzene	ND	ug/L	5.0	1		05/14/11 05:44	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/14/11 05:44	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/14/11 05:44	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/14/11 05:44	75-27-4	
Bromoform	ND	ug/L	5.0	1		05/14/11 05:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/14/11 05:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		05/14/11 05:44	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		05/14/11 05:44	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/14/11 05:44	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/14/11 05:44	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		05/14/11 05:44	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		05/14/11 05:44	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/14/11 05:44	108-90-7	
Chloroethane	ND	ug/L	5.0	1		05/14/11 05:44	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/14/11 05:44	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/14/11 05:44	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 05:44	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 05:44	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		05/14/11 05:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/14/11 05:44	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/14/11 05:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 05:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 05:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 05:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		05/14/11 05:44	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/14/11 05:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/14/11 05:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/14/11 05:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/14/11 05:44	75-35-4	
cis-1,2-Dichloroethene	50.2	ug/L	5.0	1		05/14/11 05:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/14/11 05:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 05:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/14/11 05:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 05:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/14/11 05:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 05:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 05:44	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		05/14/11 05:44	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		05/14/11 05:44	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/14/11 05:44	87-68-3	
n-Hexane	ND	ug/L	5.0	1		05/14/11 05:44	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		05/14/11 05:44	591-78-6	
Iodomethane	ND	ug/L	10.0	1		05/14/11 05:44	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		05/14/11 05:44	98-82-8	

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REPORT OF LABORATORY ANALYSIS

Page 14 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-1-21-26		Lab ID: 5048620006	Collected: 05/12/11 13:59	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND ug/L		5.0	1		05/14/11 05:44	99-87-6	
Methylene chloride	ND ug/L		5.0	1		05/14/11 05:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		05/14/11 05:44	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		05/14/11 05:44	1634-04-4	
Naphthalene	ND ug/L		5.0	1		05/14/11 05:44	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		05/14/11 05:44	103-65-1	
Styrene	ND ug/L		5.0	1		05/14/11 05:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 05:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 05:44	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		05/14/11 05:44	127-18-4	
Toluene	ND ug/L		5.0	1		05/14/11 05:44	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 05:44	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 05:44	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		05/14/11 05:44	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		05/14/11 05:44	79-00-5	
Trichloroethene	ND ug/L		5.0	1		05/14/11 05:44	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		05/14/11 05:44	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		05/14/11 05:44	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 05:44	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 05:44	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		05/14/11 05:44	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		05/14/11 05:44	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		05/14/11 05:44	1330-20-7	
Dibromofluoromethane (S)	95 %		83-123	1		05/14/11 05:44	1868-53-7	
4-Bromofluorobenzene (S)	102 %		72-125	1		05/14/11 05:44	460-00-4	
Toluene-d8 (S)	87 %		81-114	1		05/14/11 05:44	2037-26-5	

ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-2-31-36		Lab ID: 5048620007	Collected: 05/12/11 17:10	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		05/14/11 07:20	67-64-1	
Acrolein	ND	ug/L	50.0	1		05/14/11 07:20	107-02-8	
Acrylonitrile	ND	ug/L	100	1		05/14/11 07:20	107-13-1	
Benzene	ND	ug/L	5.0	1		05/14/11 07:20	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/14/11 07:20	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/14/11 07:20	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/14/11 07:20	75-27-4	
Bromoform	ND	ug/L	5.0	1		05/14/11 07:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/14/11 07:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		05/14/11 07:20	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		05/14/11 07:20	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/14/11 07:20	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/14/11 07:20	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		05/14/11 07:20	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		05/14/11 07:20	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/14/11 07:20	108-90-7	
Chloroethane	ND	ug/L	5.0	1		05/14/11 07:20	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/14/11 07:20	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/14/11 07:20	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 07:20	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 07:20	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		05/14/11 07:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/14/11 07:20	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/14/11 07:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 07:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 07:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 07:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		05/14/11 07:20	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/14/11 07:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/14/11 07:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/14/11 07:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/14/11 07:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/14/11 07:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/14/11 07:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 07:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/14/11 07:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 07:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/14/11 07:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 07:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 07:20	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		05/14/11 07:20	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		05/14/11 07:20	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/14/11 07:20	87-68-3	
n-Hexane	ND	ug/L	5.0	1		05/14/11 07:20	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		05/14/11 07:20	591-78-6	
Iodomethane	ND	ug/L	10.0	1		05/14/11 07:20	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		05/14/11 07:20	98-82-8	

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REPORT OF LABORATORY ANALYSIS

Page 16 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-2-31-36		Lab ID: 5048620007	Collected: 05/12/11 17:10	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND	ug/L	5.0	1		05/14/11 07:20	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		05/14/11 07:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		05/14/11 07:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		05/14/11 07:20	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		05/14/11 07:20	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		05/14/11 07:20	103-65-1	
Styrene	ND	ug/L	5.0	1		05/14/11 07:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		05/14/11 07:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		05/14/11 07:20	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		05/14/11 07:20	127-18-4	
Toluene	ND	ug/L	5.0	1		05/14/11 07:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		05/14/11 07:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		05/14/11 07:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/14/11 07:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		05/14/11 07:20	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		05/14/11 07:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		05/14/11 07:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		05/14/11 07:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		05/14/11 07:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		05/14/11 07:20	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		05/14/11 07:20	108-05-4	
Vinyl chloride	44.0	ug/L	2.0	1		05/14/11 07:20	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/14/11 07:20	1330-20-7	
Dibromofluoromethane (S)	96 %		83-123	1		05/14/11 07:20	1868-53-7	
4-Bromofluorobenzene (S)	101 %		72-125	1		05/14/11 07:20	460-00-4	
Toluene-d8 (S)	86 %		81-114	1		05/14/11 07:20	2037-26-5	

ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-2-23-28		Lab ID: 5048620008	Collected: 05/13/11 08:05	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		05/14/11 07:52	67-64-1	
Acrolein	ND	ug/L	50.0	1		05/14/11 07:52	107-02-8	
Acrylonitrile	ND	ug/L	100	1		05/14/11 07:52	107-13-1	
Benzene	ND	ug/L	5.0	1		05/14/11 07:52	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/14/11 07:52	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/14/11 07:52	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/14/11 07:52	75-27-4	
Bromoform	ND	ug/L	5.0	1		05/14/11 07:52	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/14/11 07:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		05/14/11 07:52	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		05/14/11 07:52	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/14/11 07:52	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/14/11 07:52	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		05/14/11 07:52	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		05/14/11 07:52	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/14/11 07:52	108-90-7	
Chloroethane	ND	ug/L	5.0	1		05/14/11 07:52	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/14/11 07:52	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/14/11 07:52	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 07:52	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 07:52	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		05/14/11 07:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/14/11 07:52	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/14/11 07:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 07:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 07:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 07:52	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		05/14/11 07:52	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/14/11 07:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/14/11 07:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/14/11 07:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/14/11 07:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/14/11 07:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/14/11 07:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 07:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/14/11 07:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 07:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/14/11 07:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 07:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 07:52	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		05/14/11 07:52	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		05/14/11 07:52	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/14/11 07:52	87-68-3	
n-Hexane	ND	ug/L	5.0	1		05/14/11 07:52	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		05/14/11 07:52	591-78-6	
Iodomethane	ND	ug/L	10.0	1		05/14/11 07:52	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		05/14/11 07:52	98-82-8	

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REPORT OF LABORATORY ANALYSIS

Page 18 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-2-23-28		Lab ID: 5048620008	Collected: 05/13/11 08:05	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND ug/L		5.0	1		05/14/11 07:52	99-87-6	
Methylene chloride	ND ug/L		5.0	1		05/14/11 07:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		05/14/11 07:52	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		05/14/11 07:52	1634-04-4	
Naphthalene	ND ug/L		5.0	1		05/14/11 07:52	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		05/14/11 07:52	103-65-1	
Styrene	ND ug/L		5.0	1		05/14/11 07:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 07:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 07:52	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		05/14/11 07:52	127-18-4	
Toluene	ND ug/L		5.0	1		05/14/11 07:52	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 07:52	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 07:52	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		05/14/11 07:52	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		05/14/11 07:52	79-00-5	
Trichloroethene	ND ug/L		5.0	1		05/14/11 07:52	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		05/14/11 07:52	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		05/14/11 07:52	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 07:52	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 07:52	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		05/14/11 07:52	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		05/14/11 07:52	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		05/14/11 07:52	1330-20-7	
Dibromofluoromethane (S)	97 %		83-123	1		05/14/11 07:52	1868-53-7	
4-Bromofluorobenzene (S)	100 %		72-125	1		05/14/11 07:52	460-00-4	
Toluene-d8 (S)	87 %		81-114	1		05/14/11 07:52	2037-26-5	

ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-2-17-22		Lab ID: 5048620009	Collected: 05/13/11 08:20	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		05/14/11 08:24	67-64-1	
Acrolein	ND	ug/L	50.0	1		05/14/11 08:24	107-02-8	
Acrylonitrile	ND	ug/L	100	1		05/14/11 08:24	107-13-1	
Benzene	ND	ug/L	5.0	1		05/14/11 08:24	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/14/11 08:24	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/14/11 08:24	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/14/11 08:24	75-27-4	
Bromoform	ND	ug/L	5.0	1		05/14/11 08:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/14/11 08:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		05/14/11 08:24	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		05/14/11 08:24	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/14/11 08:24	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/14/11 08:24	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		05/14/11 08:24	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		05/14/11 08:24	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/14/11 08:24	108-90-7	
Chloroethane	ND	ug/L	5.0	1		05/14/11 08:24	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/14/11 08:24	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/14/11 08:24	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 08:24	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 08:24	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		05/14/11 08:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/14/11 08:24	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/14/11 08:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 08:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 08:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 08:24	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		05/14/11 08:24	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/14/11 08:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/14/11 08:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/14/11 08:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/14/11 08:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/14/11 08:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/14/11 08:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 08:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/14/11 08:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 08:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/14/11 08:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 08:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 08:24	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		05/14/11 08:24	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		05/14/11 08:24	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/14/11 08:24	87-68-3	
n-Hexane	ND	ug/L	5.0	1		05/14/11 08:24	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		05/14/11 08:24	591-78-6	
Iodomethane	ND	ug/L	10.0	1		05/14/11 08:24	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		05/14/11 08:24	98-82-8	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 20 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-2-17-22		Lab ID: 5048620009	Collected: 05/13/11 08:20	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND ug/L		5.0	1		05/14/11 08:24	99-87-6	
Methylene chloride	ND ug/L		5.0	1		05/14/11 08:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		05/14/11 08:24	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		05/14/11 08:24	1634-04-4	
Naphthalene	ND ug/L		5.0	1		05/14/11 08:24	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		05/14/11 08:24	103-65-1	
Styrene	ND ug/L		5.0	1		05/14/11 08:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 08:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 08:24	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		05/14/11 08:24	127-18-4	
Toluene	ND ug/L		5.0	1		05/14/11 08:24	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 08:24	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 08:24	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		05/14/11 08:24	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		05/14/11 08:24	79-00-5	
Trichloroethene	ND ug/L		5.0	1		05/14/11 08:24	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		05/14/11 08:24	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		05/14/11 08:24	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 08:24	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 08:24	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		05/14/11 08:24	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		05/14/11 08:24	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		05/14/11 08:24	1330-20-7	
Dibromofluoromethane (S)	96 %		83-123	1		05/14/11 08:24	1868-53-7	
4-Bromofluorobenzene (S)	101 %		72-125	1		05/14/11 08:24	460-00-4	
Toluene-d8 (S)	87 %		81-114	1		05/14/11 08:24	2037-26-5	

ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-3-35-40		Lab ID: 5048620010	Collected: 05/13/11 12:16	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		05/14/11 08:56	67-64-1	
Acrolein	ND	ug/L	50.0	1		05/14/11 08:56	107-02-8	
Acrylonitrile	ND	ug/L	100	1		05/14/11 08:56	107-13-1	
Benzene	ND	ug/L	5.0	1		05/14/11 08:56	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/14/11 08:56	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/14/11 08:56	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/14/11 08:56	75-27-4	
Bromoform	ND	ug/L	5.0	1		05/14/11 08:56	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/14/11 08:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		05/14/11 08:56	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		05/14/11 08:56	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/14/11 08:56	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/14/11 08:56	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		05/14/11 08:56	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		05/14/11 08:56	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/14/11 08:56	108-90-7	
Chloroethane	ND	ug/L	5.0	1		05/14/11 08:56	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/14/11 08:56	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/14/11 08:56	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 08:56	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 08:56	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		05/14/11 08:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/14/11 08:56	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/14/11 08:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 08:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 08:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 08:56	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		05/14/11 08:56	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/14/11 08:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/14/11 08:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/14/11 08:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/14/11 08:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/14/11 08:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/14/11 08:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 08:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/14/11 08:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 08:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/14/11 08:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 08:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 08:56	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		05/14/11 08:56	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		05/14/11 08:56	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/14/11 08:56	87-68-3	
n-Hexane	ND	ug/L	5.0	1		05/14/11 08:56	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		05/14/11 08:56	591-78-6	
Iodomethane	ND	ug/L	10.0	1		05/14/11 08:56	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		05/14/11 08:56	98-82-8	

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REPORT OF LABORATORY ANALYSIS

Page 22 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-3-35-40		Lab ID: 5048620010	Collected: 05/13/11 12:16	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND	ug/L	5.0	1		05/14/11 08:56	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		05/14/11 08:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		05/14/11 08:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		05/14/11 08:56	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		05/14/11 08:56	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		05/14/11 08:56	103-65-1	
Styrene	ND	ug/L	5.0	1		05/14/11 08:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		05/14/11 08:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		05/14/11 08:56	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		05/14/11 08:56	127-18-4	
Toluene	ND	ug/L	5.0	1		05/14/11 08:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		05/14/11 08:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		05/14/11 08:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/14/11 08:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		05/14/11 08:56	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		05/14/11 08:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		05/14/11 08:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		05/14/11 08:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		05/14/11 08:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		05/14/11 08:56	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		05/14/11 08:56	108-05-4	
Vinyl chloride	68.3	ug/L	2.0	1		05/14/11 08:56	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/14/11 08:56	1330-20-7	
Dibromofluoromethane (S)	97 %		83-123	1		05/14/11 08:56	1868-53-7	
4-Bromofluorobenzene (S)	101 %		72-125	1		05/14/11 08:56	460-00-4	
Toluene-d8 (S)	87 %		81-114	1		05/14/11 08:56	2037-26-5	

ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-3-15-20		Lab ID: 5048620011	Collected: 05/13/11 12:10	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND ug/L		100	1		05/14/11 09:29	67-64-1	
Acrolein	ND ug/L		50.0	1		05/14/11 09:29	107-02-8	
Acrylonitrile	ND ug/L		100	1		05/14/11 09:29	107-13-1	
Benzene	ND ug/L		5.0	1		05/14/11 09:29	71-43-2	
Bromobenzene	ND ug/L		5.0	1		05/14/11 09:29	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		05/14/11 09:29	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		05/14/11 09:29	75-27-4	
Bromoform	ND ug/L		5.0	1		05/14/11 09:29	75-25-2	
Bromomethane	ND ug/L		5.0	1		05/14/11 09:29	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		05/14/11 09:29	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		05/14/11 09:29	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		05/14/11 09:29	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		05/14/11 09:29	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		05/14/11 09:29	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		05/14/11 09:29	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		05/14/11 09:29	108-90-7	
Chloroethane	ND ug/L		5.0	1		05/14/11 09:29	75-00-3	
Chloroform	ND ug/L		5.0	1		05/14/11 09:29	67-66-3	
Chloromethane	ND ug/L		5.0	1		05/14/11 09:29	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		05/14/11 09:29	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		05/14/11 09:29	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		05/14/11 09:29	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		05/14/11 09:29	106-93-4	
Dibromomethane	ND ug/L		5.0	1		05/14/11 09:29	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		05/14/11 09:29	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		05/14/11 09:29	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		05/14/11 09:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		05/14/11 09:29	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		05/14/11 09:29	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		05/14/11 09:29	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		05/14/11 09:29	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		05/14/11 09:29	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		05/14/11 09:29	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		05/14/11 09:29	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		05/14/11 09:29	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		05/14/11 09:29	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		05/14/11 09:29	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		05/14/11 09:29	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		05/14/11 09:29	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		05/14/11 09:29	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		05/14/11 09:29	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		05/14/11 09:29	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		05/14/11 09:29	87-68-3	
n-Hexane	ND ug/L		5.0	1		05/14/11 09:29	110-54-3	
2-Hexanone	ND ug/L		25.0	1		05/14/11 09:29	591-78-6	
Iodomethane	ND ug/L		10.0	1		05/14/11 09:29	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		05/14/11 09:29	98-82-8	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 24 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-3-15-20		Lab ID: 5048620011	Collected: 05/13/11 12:10	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND ug/L		5.0	1		05/14/11 09:29	99-87-6	
Methylene chloride	ND ug/L		5.0	1		05/14/11 09:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		05/14/11 09:29	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		05/14/11 09:29	1634-04-4	
Naphthalene	ND ug/L		5.0	1		05/14/11 09:29	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		05/14/11 09:29	103-65-1	
Styrene	ND ug/L		5.0	1		05/14/11 09:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 09:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 09:29	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		05/14/11 09:29	127-18-4	
Toluene	ND ug/L		5.0	1		05/14/11 09:29	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 09:29	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 09:29	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		05/14/11 09:29	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		05/14/11 09:29	79-00-5	
Trichloroethene	ND ug/L		5.0	1		05/14/11 09:29	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		05/14/11 09:29	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		05/14/11 09:29	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 09:29	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 09:29	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		05/14/11 09:29	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		05/14/11 09:29	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		05/14/11 09:29	1330-20-7	
Dibromofluoromethane (S)	96 %		83-123	1		05/14/11 09:29	1868-53-7	
4-Bromofluorobenzene (S)	102 %		72-125	1		05/14/11 09:29	460-00-4	
Toluene-d8 (S)	87 %		81-114	1		05/14/11 09:29	2037-26-5	

ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-3-25-30		Lab ID: 5048620012	Collected: 05/13/11 11:55	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		05/14/11 10:00	67-64-1	
Acrolein	ND	ug/L	50.0	1		05/14/11 10:00	107-02-8	
Acrylonitrile	ND	ug/L	100	1		05/14/11 10:00	107-13-1	
Benzene	ND	ug/L	5.0	1		05/14/11 10:00	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/14/11 10:00	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/14/11 10:00	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/14/11 10:00	75-27-4	
Bromoform	ND	ug/L	5.0	1		05/14/11 10:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/14/11 10:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		05/14/11 10:00	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		05/14/11 10:00	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/14/11 10:00	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/14/11 10:00	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		05/14/11 10:00	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		05/14/11 10:00	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/14/11 10:00	108-90-7	
Chloroethane	ND	ug/L	5.0	1		05/14/11 10:00	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/14/11 10:00	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/14/11 10:00	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 10:00	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 10:00	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		05/14/11 10:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/14/11 10:00	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/14/11 10:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 10:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 10:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 10:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		05/14/11 10:00	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/14/11 10:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/14/11 10:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/14/11 10:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/14/11 10:00	75-35-4	
cis-1,2-Dichloroethene	16.8	ug/L	5.0	1		05/14/11 10:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/14/11 10:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 10:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/14/11 10:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 10:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/14/11 10:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 10:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 10:00	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		05/14/11 10:00	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		05/14/11 10:00	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/14/11 10:00	87-68-3	
n-Hexane	ND	ug/L	5.0	1		05/14/11 10:00	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		05/14/11 10:00	591-78-6	
Iodomethane	ND	ug/L	10.0	1		05/14/11 10:00	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		05/14/11 10:00	98-82-8	

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REPORT OF LABORATORY ANALYSIS

Page 26 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-3-25-30		Lab ID: 5048620012	Collected: 05/13/11 11:55	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND ug/L		5.0	1		05/14/11 10:00	99-87-6	
Methylene chloride	ND ug/L		5.0	1		05/14/11 10:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		05/14/11 10:00	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		05/14/11 10:00	1634-04-4	
Naphthalene	ND ug/L		5.0	1		05/14/11 10:00	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		05/14/11 10:00	103-65-1	
Styrene	ND ug/L		5.0	1		05/14/11 10:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 10:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 10:00	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		05/14/11 10:00	127-18-4	
Toluene	ND ug/L		5.0	1		05/14/11 10:00	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 10:00	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 10:00	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		05/14/11 10:00	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		05/14/11 10:00	79-00-5	
Trichloroethene	ND ug/L		5.0	1		05/14/11 10:00	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		05/14/11 10:00	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		05/14/11 10:00	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 10:00	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 10:00	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		05/14/11 10:00	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		05/14/11 10:00	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		05/14/11 10:00	1330-20-7	
Dibromofluoromethane (S)	98 %		83-123	1		05/14/11 10:00	1868-53-7	
4-Bromofluorobenzene (S)	101 %		72-125	1		05/14/11 10:00	460-00-4	
Toluene-d8 (S)	86 %		81-114	1		05/14/11 10:00	2037-26-5	

ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-3-25-30 Dup		Lab ID: 5048620013	Collected: 05/13/11 11:55	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		05/14/11 10:33	67-64-1	
Acrolein	ND	ug/L	50.0	1		05/14/11 10:33	107-02-8	
Acrylonitrile	ND	ug/L	100	1		05/14/11 10:33	107-13-1	
Benzene	ND	ug/L	5.0	1		05/14/11 10:33	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/14/11 10:33	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/14/11 10:33	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/14/11 10:33	75-27-4	
Bromoform	ND	ug/L	5.0	1		05/14/11 10:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/14/11 10:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		05/14/11 10:33	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		05/14/11 10:33	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/14/11 10:33	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/14/11 10:33	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		05/14/11 10:33	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		05/14/11 10:33	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/14/11 10:33	108-90-7	
Chloroethane	ND	ug/L	5.0	1		05/14/11 10:33	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/14/11 10:33	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/14/11 10:33	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 10:33	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/14/11 10:33	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		05/14/11 10:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/14/11 10:33	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/14/11 10:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 10:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 10:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/14/11 10:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		05/14/11 10:33	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/14/11 10:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/14/11 10:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/14/11 10:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/14/11 10:33	75-35-4	
cis-1,2-Dichloroethene	17.8	ug/L	5.0	1		05/14/11 10:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/14/11 10:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 10:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/14/11 10:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/14/11 10:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/14/11 10:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 10:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/14/11 10:33	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		05/14/11 10:33	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		05/14/11 10:33	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/14/11 10:33	87-68-3	
n-Hexane	ND	ug/L	5.0	1		05/14/11 10:33	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		05/14/11 10:33	591-78-6	
Iodomethane	ND	ug/L	10.0	1		05/14/11 10:33	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		05/14/11 10:33	98-82-8	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 28 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-3-25-30 Dup		Lab ID: 5048620013	Collected: 05/13/11 11:55	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND ug/L		5.0	1		05/14/11 10:33	99-87-6	
Methylene chloride	ND ug/L		5.0	1		05/14/11 10:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		05/14/11 10:33	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		05/14/11 10:33	1634-04-4	
Naphthalene	ND ug/L		5.0	1		05/14/11 10:33	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		05/14/11 10:33	103-65-1	
Styrene	ND ug/L		5.0	1		05/14/11 10:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 10:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 10:33	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		05/14/11 10:33	127-18-4	
Toluene	ND ug/L		5.0	1		05/14/11 10:33	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 10:33	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 10:33	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		05/14/11 10:33	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		05/14/11 10:33	79-00-5	
Trichloroethene	ND ug/L		5.0	1		05/14/11 10:33	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		05/14/11 10:33	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		05/14/11 10:33	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 10:33	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 10:33	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		05/14/11 10:33	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		05/14/11 10:33	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		05/14/11 10:33	1330-20-7	
Dibromofluoromethane (S)	95 %		83-123	1		05/14/11 10:33	1868-53-7	
4-Bromofluorobenzene (S)	101 %		72-125	1		05/14/11 10:33	460-00-4	
Toluene-d8 (S)	87 %		81-114	1		05/14/11 10:33	2037-26-5	

ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-1-18-23		Lab ID: 5048620014	Collected: 05/13/11 13:07	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND ug/L		100	1		05/14/11 11:05	67-64-1	
Acrolein	ND ug/L		50.0	1		05/14/11 11:05	107-02-8	
Acrylonitrile	ND ug/L		100	1		05/14/11 11:05	107-13-1	
Benzene	ND ug/L		5.0	1		05/14/11 11:05	71-43-2	
Bromobenzene	ND ug/L		5.0	1		05/14/11 11:05	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		05/14/11 11:05	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		05/14/11 11:05	75-27-4	
Bromoform	ND ug/L		5.0	1		05/14/11 11:05	75-25-2	
Bromomethane	ND ug/L		5.0	1		05/14/11 11:05	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		05/14/11 11:05	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		05/14/11 11:05	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		05/14/11 11:05	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		05/14/11 11:05	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		05/14/11 11:05	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		05/14/11 11:05	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		05/14/11 11:05	108-90-7	
Chloroethane	ND ug/L		5.0	1		05/14/11 11:05	75-00-3	
Chloroform	ND ug/L		5.0	1		05/14/11 11:05	67-66-3	
Chloromethane	ND ug/L		5.0	1		05/14/11 11:05	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		05/14/11 11:05	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		05/14/11 11:05	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		05/14/11 11:05	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		05/14/11 11:05	106-93-4	
Dibromomethane	ND ug/L		5.0	1		05/14/11 11:05	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		05/14/11 11:05	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		05/14/11 11:05	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		05/14/11 11:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		05/14/11 11:05	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		05/14/11 11:05	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		05/14/11 11:05	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		05/14/11 11:05	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		05/14/11 11:05	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		05/14/11 11:05	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		05/14/11 11:05	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		05/14/11 11:05	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		05/14/11 11:05	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		05/14/11 11:05	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		05/14/11 11:05	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		05/14/11 11:05	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		05/14/11 11:05	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		05/14/11 11:05	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		05/14/11 11:05	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		05/14/11 11:05	87-68-3	
n-Hexane	ND ug/L		5.0	1		05/14/11 11:05	110-54-3	
2-Hexanone	ND ug/L		25.0	1		05/14/11 11:05	591-78-6	
Iodomethane	ND ug/L		10.0	1		05/14/11 11:05	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		05/14/11 11:05	98-82-8	

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REPORT OF LABORATORY ANALYSIS

Page 30 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: EW-1-18-23		Lab ID: 5048620014	Collected: 05/13/11 13:07	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND ug/L		5.0	1		05/14/11 11:05	99-87-6	
Methylene chloride	ND ug/L		5.0	1		05/14/11 11:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		05/14/11 11:05	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		05/14/11 11:05	1634-04-4	
Naphthalene	ND ug/L		5.0	1		05/14/11 11:05	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		05/14/11 11:05	103-65-1	
Styrene	ND ug/L		5.0	1		05/14/11 11:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 11:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		05/14/11 11:05	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		05/14/11 11:05	127-18-4	
Toluene	ND ug/L		5.0	1		05/14/11 11:05	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 11:05	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		05/14/11 11:05	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		05/14/11 11:05	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		05/14/11 11:05	79-00-5	
Trichloroethene	ND ug/L		5.0	1		05/14/11 11:05	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		05/14/11 11:05	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		05/14/11 11:05	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 11:05	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		05/14/11 11:05	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		05/14/11 11:05	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		05/14/11 11:05	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		05/14/11 11:05	1330-20-7	
Dibromofluoromethane (S)	96 %		83-123	1		05/14/11 11:05	1868-53-7	
4-Bromofluorobenzene (S)	102 %		72-125	1		05/14/11 11:05	460-00-4	
Toluene-d8 (S)	87 %		81-114	1		05/14/11 11:05	2037-26-5	

ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: Trip Blank-Water		Lab ID: 5048620015	Collected: 05/12/11 08:00	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND ug/L		100	1		05/17/11 01:09	67-64-1	
Acrolein	ND ug/L		50.0	1		05/17/11 01:09	107-02-8	
Acrylonitrile	ND ug/L		100	1		05/17/11 01:09	107-13-1	
Benzene	ND ug/L		5.0	1		05/17/11 01:09	71-43-2	
Bromobenzene	ND ug/L		5.0	1		05/17/11 01:09	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		05/17/11 01:09	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		05/17/11 01:09	75-27-4	
Bromoform	ND ug/L		5.0	1		05/17/11 01:09	75-25-2	
Bromomethane	ND ug/L		5.0	1		05/17/11 01:09	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		05/17/11 01:09	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		05/17/11 01:09	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		05/17/11 01:09	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		05/17/11 01:09	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		05/17/11 01:09	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		05/17/11 01:09	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		05/17/11 01:09	108-90-7	
Chloroethane	ND ug/L		5.0	1		05/17/11 01:09	75-00-3	
Chloroform	ND ug/L		5.0	1		05/17/11 01:09	67-66-3	
Chloromethane	ND ug/L		5.0	1		05/17/11 01:09	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		05/17/11 01:09	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		05/17/11 01:09	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		05/17/11 01:09	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		05/17/11 01:09	106-93-4	
Dibromomethane	ND ug/L		5.0	1		05/17/11 01:09	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		05/17/11 01:09	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		05/17/11 01:09	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		05/17/11 01:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		05/17/11 01:09	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		05/17/11 01:09	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		05/17/11 01:09	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		05/17/11 01:09	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		05/17/11 01:09	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		05/17/11 01:09	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		05/17/11 01:09	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		05/17/11 01:09	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		05/17/11 01:09	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		05/17/11 01:09	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		05/17/11 01:09	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		05/17/11 01:09	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		05/17/11 01:09	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		05/17/11 01:09	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		05/17/11 01:09	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		05/17/11 01:09	87-68-3	
n-Hexane	ND ug/L		5.0	1		05/17/11 01:09	110-54-3	
2-Hexanone	ND ug/L		25.0	1		05/17/11 01:09	591-78-6	
Iodomethane	ND ug/L		10.0	1		05/17/11 01:09	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		05/17/11 01:09	98-82-8	

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REPORT OF LABORATORY ANALYSIS

Page 32 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: Trip Blank-Water		Lab ID: 5048620015	Collected: 05/12/11 08:00	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND ug/L		5.0	1		05/17/11 01:09	99-87-6	
Methylene chloride	ND ug/L		5.0	1		05/17/11 01:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		05/17/11 01:09	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		05/17/11 01:09	1634-04-4	
Naphthalene	ND ug/L		5.0	1		05/17/11 01:09	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		05/17/11 01:09	103-65-1	
Styrene	ND ug/L		5.0	1		05/17/11 01:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		05/17/11 01:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		05/17/11 01:09	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		05/17/11 01:09	127-18-4	
Toluene	ND ug/L		5.0	1		05/17/11 01:09	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		05/17/11 01:09	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		05/17/11 01:09	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		05/17/11 01:09	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		05/17/11 01:09	79-00-5	
Trichloroethene	ND ug/L		5.0	1		05/17/11 01:09	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		05/17/11 01:09	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		05/17/11 01:09	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		05/17/11 01:09	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		05/17/11 01:09	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		05/17/11 01:09	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		05/17/11 01:09	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		05/17/11 01:09	1330-20-7	
Dibromofluoromethane (S)	98 %		83-123	1		05/17/11 01:09	1868-53-7	
4-Bromofluorobenzene (S)	103 %		72-125	1		05/17/11 01:09	460-00-4	
Toluene-d8 (S)	87 %		81-114	1		05/17/11 01:09	2037-26-5	

ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: Trip Blank-Soil		Lab ID: 5048620016	Collected: 05/12/11 08:00	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND ug/L		100	1		05/17/11 01:41	67-64-1	
Acrolein	ND ug/L		50.0	1		05/17/11 01:41	107-02-8	
Acrylonitrile	ND ug/L		100	1		05/17/11 01:41	107-13-1	
Benzene	ND ug/L		5.0	1		05/17/11 01:41	71-43-2	
Bromobenzene	ND ug/L		5.0	1		05/17/11 01:41	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		05/17/11 01:41	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		05/17/11 01:41	75-27-4	
Bromoform	ND ug/L		5.0	1		05/17/11 01:41	75-25-2	
Bromomethane	ND ug/L		5.0	1		05/17/11 01:41	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		05/17/11 01:41	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		05/17/11 01:41	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		05/17/11 01:41	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		05/17/11 01:41	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		05/17/11 01:41	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		05/17/11 01:41	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		05/17/11 01:41	108-90-7	
Chloroethane	ND ug/L		5.0	1		05/17/11 01:41	75-00-3	
Chloroform	ND ug/L		5.0	1		05/17/11 01:41	67-66-3	
Chloromethane	ND ug/L		5.0	1		05/17/11 01:41	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		05/17/11 01:41	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		05/17/11 01:41	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		05/17/11 01:41	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		05/17/11 01:41	106-93-4	
Dibromomethane	ND ug/L		5.0	1		05/17/11 01:41	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		05/17/11 01:41	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		05/17/11 01:41	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		05/17/11 01:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		05/17/11 01:41	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		05/17/11 01:41	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		05/17/11 01:41	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		05/17/11 01:41	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		05/17/11 01:41	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		05/17/11 01:41	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		05/17/11 01:41	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		05/17/11 01:41	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		05/17/11 01:41	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		05/17/11 01:41	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		05/17/11 01:41	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		05/17/11 01:41	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		05/17/11 01:41	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		05/17/11 01:41	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		05/17/11 01:41	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		05/17/11 01:41	87-68-3	
n-Hexane	ND ug/L		5.0	1		05/17/11 01:41	110-54-3	
2-Hexanone	ND ug/L		25.0	1		05/17/11 01:41	591-78-6	
Iodomethane	ND ug/L		10.0	1		05/17/11 01:41	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		05/17/11 01:41	98-82-8	

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REPORT OF LABORATORY ANALYSIS

Page 34 of 56

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ANALYTICAL RESULTS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

Sample: Trip Blank-Soil		Lab ID: 5048620016	Collected: 05/12/11 08:00	Received: 05/13/11 13:46	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND ug/L		5.0	1		05/17/11 01:41	99-87-6	
Methylene chloride	ND ug/L		5.0	1		05/17/11 01:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		05/17/11 01:41	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		05/17/11 01:41	1634-04-4	
Naphthalene	ND ug/L		5.0	1		05/17/11 01:41	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		05/17/11 01:41	103-65-1	
Styrene	ND ug/L		5.0	1		05/17/11 01:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		05/17/11 01:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		05/17/11 01:41	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		05/17/11 01:41	127-18-4	
Toluene	ND ug/L		5.0	1		05/17/11 01:41	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		05/17/11 01:41	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		05/17/11 01:41	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		05/17/11 01:41	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		05/17/11 01:41	79-00-5	
Trichloroethene	ND ug/L		5.0	1		05/17/11 01:41	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		05/17/11 01:41	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		05/17/11 01:41	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		05/17/11 01:41	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		05/17/11 01:41	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		05/17/11 01:41	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		05/17/11 01:41	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		05/17/11 01:41	1330-20-7	
Dibromofluoromethane (S)	94 %		83-123	1		05/17/11 01:41	1868-53-7	
4-Bromofluorobenzene (S)	102 %		72-125	1		05/17/11 01:41	460-00-4	
Toluene-d8 (S)	87 %		81-114	1		05/17/11 01:41	2037-26-5	

QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

QC Batch:	MSV/32394	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	5048620005, 5048620006, 5048620007, 5048620008, 5048620009, 5048620010, 5048620011, 5048620012, 5048620013, 5048620014		

METHOD BLANK: 572269 Matrix: Water

Associated Lab Samples: 5048620005, 5048620006, 5048620007, 5048620008, 5048620009, 5048620010, 5048620011, 5048620012, 5048620013, 5048620014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	05/14/11 01:29	
1,1,1-Trichloroethane	ug/L	ND	5.0	05/14/11 01:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	05/14/11 01:29	
1,1,2-Trichloroethane	ug/L	ND	5.0	05/14/11 01:29	
1,1-Dichloroethane	ug/L	ND	5.0	05/14/11 01:29	
1,1-Dichloroethene	ug/L	ND	5.0	05/14/11 01:29	
1,1-Dichloropropene	ug/L	ND	5.0	05/14/11 01:29	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	05/14/11 01:29	
1,2,3-Trichloropropane	ug/L	ND	5.0	05/14/11 01:29	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	05/14/11 01:29	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	05/14/11 01:29	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	05/14/11 01:29	
1,2-Dichlorobenzene	ug/L	ND	5.0	05/14/11 01:29	
1,2-Dichloroethane	ug/L	ND	5.0	05/14/11 01:29	
1,2-Dichloropropane	ug/L	ND	5.0	05/14/11 01:29	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	05/14/11 01:29	
1,3-Dichlorobenzene	ug/L	ND	5.0	05/14/11 01:29	
1,3-Dichloropropane	ug/L	ND	5.0	05/14/11 01:29	
1,4-Dichlorobenzene	ug/L	ND	5.0	05/14/11 01:29	
2,2-Dichloropropane	ug/L	ND	5.0	05/14/11 01:29	
2-Butanone (MEK)	ug/L	ND	25.0	05/14/11 01:29	
2-Chlorotoluene	ug/L	ND	5.0	05/14/11 01:29	
2-Hexanone	ug/L	ND	25.0	05/14/11 01:29	
4-Chlorotoluene	ug/L	ND	5.0	05/14/11 01:29	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	05/14/11 01:29	
Acetone	ug/L	ND	100	05/14/11 01:29	
Acrolein	ug/L	ND	50.0	05/14/11 01:29	
Acrylonitrile	ug/L	ND	100	05/14/11 01:29	
Benzene	ug/L	ND	5.0	05/14/11 01:29	
Bromobenzene	ug/L	ND	5.0	05/14/11 01:29	
Bromochloromethane	ug/L	ND	5.0	05/14/11 01:29	
Bromodichloromethane	ug/L	ND	5.0	05/14/11 01:29	
Bromoform	ug/L	ND	5.0	05/14/11 01:29	
Bromomethane	ug/L	ND	5.0	05/14/11 01:29	
Carbon disulfide	ug/L	ND	10.0	05/14/11 01:29	
Carbon tetrachloride	ug/L	ND	5.0	05/14/11 01:29	
Chlorobenzene	ug/L	ND	5.0	05/14/11 01:29	
Chloroethane	ug/L	ND	5.0	05/14/11 01:29	
Chloroform	ug/L	ND	5.0	05/14/11 01:29	
Chloromethane	ug/L	ND	5.0	05/14/11 01:29	
cis-1,2-Dichloroethene	ug/L	ND	5.0	05/14/11 01:29	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 36 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

METHOD BLANK: 572269

Matrix: Water

Associated Lab Samples: 5048620005, 5048620006, 5048620007, 5048620008, 5048620009, 5048620010, 5048620011, 5048620012, 5048620013, 5048620014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	5.0	05/14/11 01:29	
Dibromochloromethane	ug/L	ND	5.0	05/14/11 01:29	
Dibromomethane	ug/L	ND	5.0	05/14/11 01:29	
Dichlorodifluoromethane	ug/L	ND	5.0	05/14/11 01:29	
Ethyl methacrylate	ug/L	ND	100	05/14/11 01:29	
Ethylbenzene	ug/L	ND	5.0	05/14/11 01:29	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	05/14/11 01:29	
Iodomethane	ug/L	ND	10.0	05/14/11 01:29	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	05/14/11 01:29	
Methyl-tert-butyl ether	ug/L	ND	4.0	05/14/11 01:29	
Methylene chloride	ug/L	ND	5.0	05/14/11 01:29	
n-Butylbenzene	ug/L	ND	5.0	05/14/11 01:29	
n-Hexane	ug/L	ND	5.0	05/14/11 01:29	
n-Propylbenzene	ug/L	ND	5.0	05/14/11 01:29	
Naphthalene	ug/L	5.2	5.0	05/14/11 01:29	B-
p-Isopropyltoluene	ug/L	ND	5.0	05/14/11 01:29	
sec-Butylbenzene	ug/L	ND	5.0	05/14/11 01:29	
Styrene	ug/L	ND	5.0	05/14/11 01:29	
tert-Butylbenzene	ug/L	ND	5.0	05/14/11 01:29	
Tetrachloroethene	ug/L	ND	5.0	05/14/11 01:29	
Toluene	ug/L	ND	5.0	05/14/11 01:29	
trans-1,2-Dichloroethene	ug/L	ND	5.0	05/14/11 01:29	
trans-1,3-Dichloropropene	ug/L	ND	5.0	05/14/11 01:29	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	05/14/11 01:29	
Trichloroethene	ug/L	ND	5.0	05/14/11 01:29	
Trichlorofluoromethane	ug/L	ND	5.0	05/14/11 01:29	
Vinyl acetate	ug/L	ND	50.0	05/14/11 01:29	
Vinyl chloride	ug/L	ND	2.0	05/14/11 01:29	
Xylene (Total)	ug/L	ND	10.0	05/14/11 01:29	
4-Bromofluorobenzene (S)	%	101	72-125	05/14/11 01:29	
Dibromofluoromethane (S)	%	96	83-123	05/14/11 01:29	
Toluene-d8 (S)	%	89	81-114	05/14/11 01:29	

LABORATORY CONTROL SAMPLE: 572270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.2	104	69-122	
1,1,1-Trichloroethane	ug/L	50	51.0	102	69-126	
1,1,2,2-Tetrachloroethane	ug/L	50	52.1	104	68-134	
1,1,2-Trichloroethane	ug/L	50	46.7	93	77-129	
1,1-Dichloroethane	ug/L	50	47.2	94	70-127	
1,1-Dichloroethene	ug/L	50	53.3	107	75-145	
1,1-Dichloropropene	ug/L	50	49.2	98	75-126	
1,2,3-Trichlorobenzene	ug/L	50	54.6	109	63-130	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 37 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

LABORATORY CONTROL SAMPLE: 572270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	100	81.8	82	45-121	
1,2,4-Trichlorobenzene	ug/L	50	49.0	98	64-122	
1,2,4-Trimethylbenzene	ug/L	50	48.7	97	68-129	
1,2-Dibromoethane (EDB)	ug/L	50	51.7	103	77-123	
1,2-Dichlorobenzene	ug/L	50	50.7	101	74-123	
1,2-Dichloroethane	ug/L	50	44.5	89	71-127	
1,2-Dichloropropane	ug/L	50	50.2	100	75-126	
1,3,5-Trimethylbenzene	ug/L	50	50.3	101	69-129	
1,3-Dichlorobenzene	ug/L	50	49.6	99	76-123	
1,3-Dichloropropane	ug/L	50	48.8	98	77-126	
1,4-Dichlorobenzene	ug/L	50	49.3	99	77-121	
2,2-Dichloropropane	ug/L	50	40.8	82	45-138	
2-Butanone (MEK)	ug/L	250	207	83	42-177	
2-Chlorotoluene	ug/L	50	51.4	103	74-129	
2-Hexanone	ug/L	250	210	84	57-162	
4-Chlorotoluene	ug/L	50	50.2	100	70-125	
4-Methyl-2-pentanone (MIBK)	ug/L	250	193	77	64-135	
Acetone	ug/L	250	233	93	10-200	
Acrolein	ug/L	1000	1510	151	10-200	
Acrylonitrile	ug/L	1000	871	87	59-144	
Benzene	ug/L	50	51.7	103	76-123	
Bromobenzene	ug/L	50	52.2	104	67-130	
Bromochloromethane	ug/L	50	45.6	91	58-153	
Bromodichloromethane	ug/L	50	53.6	107	71-124	
Bromoform	ug/L	50	59.0	118	64-116	L3
Bromomethane	ug/L	50	61.8	124	23-197	
Carbon disulfide	ug/L	100	102	102	55-146	
Carbon tetrachloride	ug/L	50	55.0	110	65-125	
Chlorobenzene	ug/L	50	49.8	100	78-120	
Chloroethane	ug/L	50	55.3	111	56-163	
Chloroform	ug/L	50	49.8	100	73-122	
Chloromethane	ug/L	50	45.5	91	46-146	
cis-1,2-Dichloroethene	ug/L	50	55.2	110	79-129	
cis-1,3-Dichloropropene	ug/L	50	40.6	81	66-123	
Dibromochloromethane	ug/L	50	53.4	107	70-123	
Dibromomethane	ug/L	50	53.3	107	73-123	
Dichlorodifluoromethane	ug/L	50	50.0	100	19-200	
Ethyl methacrylate	ug/L	200	174	87	70-127	
Ethylbenzene	ug/L	50	52.5	105	75-120	
Hexachloro-1,3-butadiene	ug/L	50	56.0	112	64-131	
Iodomethane	ug/L	100	113	113	16-181	
Isopropylbenzene (Cumene)	ug/L	50	50.6	101	73-123	
Methyl-tert-butyl ether	ug/L	100	89.0	89	66-128	
Methylene chloride	ug/L	50	50.3	101	61-138	
n-Butylbenzene	ug/L	50	48.2	96	69-130	
n-Hexane	ug/L	50	51.5	103	67-142	
n-Propylbenzene	ug/L	50	50.4	101	71-132	
Naphthalene	ug/L	50	61.4	123	62-130	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 38 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

LABORATORY CONTROL SAMPLE: 572270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	50	50.1	100	71-126	
sec-Butylbenzene	ug/L	50	52.5	105	69-130	
Styrene	ug/L	50	52.8	106	75-125	
tert-Butylbenzene	ug/L	50	45.0	90	49-114	
Tetrachloroethene	ug/L	50	43.1	86	57-125	
Toluene	ug/L	50	44.7	89	72-124	
trans-1,2-Dichloroethene	ug/L	50	54.4	109	71-145	
trans-1,3-Dichloropropene	ug/L	50	36.9	74	58-118	
trans-1,4-Dichloro-2-butene	ug/L	200	157	78	50-121	
Trichloroethene	ug/L	50	53.8	108	77-122	
Trichlorofluoromethane	ug/L	50	55.2	110	56-159	
Vinyl acetate	ug/L	200	152	76	27-119	
Vinyl chloride	ug/L	50	53.9	108	61-146	
Xylene (Total)	ug/L	150	153	102	72-126	
4-Bromofluorobenzene (S)	%			101	72-125	
Dibromofluoromethane (S)	%			98	83-123	
Toluene-d8 (S)	%			87	81-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 572271

572272

Parameter	Units	5048620006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	43.2	48.0	86	96	30-122	11	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	44.9	49.2	90	98	37-136	9	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	43.3	48.1	87	96	47-132	10	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	42.1	45.7	84	91	53-131	8	20	
1,1-Dichloroethane	ug/L	ND	50	50	45.1	46.9	90	94	47-138	4	20	
1,1-Dichloroethene	ug/L	ND	50	50	52.4	54.9	105	110	54-152	5	20	
1,1-Dichloropropene	ug/L	ND	50	50	47.8	49.8	96	100	47-136	4	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	48.1	54.3	96	109	15-132	12	20	
1,2,3-Trichloropropane	ug/L	ND	100	100	57.3	67.2	57	67	24-108	16	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	44.3	49.2	89	98	10-130	11	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	45.3	48.7	91	97	10-141	7	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	45.4	49.5	91	99	49-130	9	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	46.5	50.4	93	101	20-137	8	20	
1,2-Dichloroethane	ug/L	ND	50	50	39.6	43.1	79	86	42-139	9	20	
1,2-Dichloropropane	ug/L	ND	50	50	46.3	49.0	93	98	50-131	6	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	46.7	49.7	93	99	10-145	6	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	46.5	49.8	93	100	13-143	7	20	
1,3-Dichloropropane	ug/L	ND	50	50	44.0	46.9	88	94	53-130	7	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	45.6	48.6	91	97	13-140	6	20	
2,2-Dichloropropane	ug/L	ND	50	50	33.5	38.6	67	77	13-142	14	20	
2-Butanone (MEK)	ug/L	ND	250	250	168	181	67	72	43-142	8	20	
2-Chlorotoluene	ug/L	ND	50	50	48.3	51.6	97	103	15-145	7	20	
2-Hexanone	ug/L	ND	250	250	166	188	66	75	46-139	12	20	
4-Chlorotoluene	ug/L	ND	50	50	47.4	50.1	95	100	12-143	5	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	157	177	63	71	43-140	12	20	

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REPORT OF LABORATORY ANALYSIS

Page 39 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 572271 572272											
Parameter	Units	5048620006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Acetone	ug/L	ND	250	250	159	179	64	72	38-155	12	20
Acrolein	ug/L	ND	1000	1000	1140	1260	114	126	11-200	11	20
Acrylonitrile	ug/L	ND	1000	1000	752	816	75	82	42-150	8	20
Benzene	ug/L	ND	50	50	49.5	51.9	99	104	52-134	5	20
Bromobenzene	ug/L	ND	50	50	48.7	52.2	97	104	25-140	7	20
Bromochloromethane	ug/L	ND	50	50	42.2	44.0	84	88	54-144	4	20
Bromodichloromethane	ug/L	ND	50	50	45.8	50.2	92	100	42-128	9	20
Bromoform	ug/L	ND	50	50	43.1	49.5	86	99	34-116	14	20
Bromomethane	ug/L	ND	50	50	57.4	62.3	115	125	10-200	8	20
Carbon disulfide	ug/L	ND	100	100	98.8	103	99	103	43-144	4	20
Carbon tetrachloride	ug/L	ND	50	50	44.5	50.1	89	100	26-136	12	20
Chlorobenzene	ug/L	ND	50	50	47.2	50.3	94	101	33-136	6	20
Chloroethane	ug/L	ND	50	50	53.4	56.1	107	112	21-200	5	20
Chloroform	ug/L	ND	50	50	46.8	49.3	94	99	50-134	5	20
Chloromethane	ug/L	ND	50	50	45.1	46.7	90	93	32-160	4	20
cis-1,2-Dichloroethene	ug/L	50.2	50	50	102	105	104	110	48-145	3	20
cis-1,3-Dichloropropene	ug/L	ND	50	50	33.0	37.0	66	74	35-116	11	20
Dibromochloromethane	ug/L	ND	50	50	42.1	47.9	84	96	39-122	13	20
Dibromomethane	ug/L	ND	50	50	48.1	51.1	96	102	49-134	6	20
Dichlorodifluoromethane	ug/L	ND	50	50	49.3	51.4	99	103	35-200	4	20
Ethyl methacrylate	ug/L	ND	200	200	140	158	70	79	54-123	13	20
Ethylbenzene	ug/L	ND	50	50	51.1	53.7	102	107	29-132	5	20
Hexachloro-1,3-butadiene	ug/L	ND	50	50	54.2	59.1	108	118	10-146	9	20
Iodomethane	ug/L	ND	100	100	107	115	107	115	10-171	7	20
Isopropylbenzene (Cumene)	ug/L	ND	50	50	49.4	52.7	99	105	11-146	6	20
Methyl-tert-butyl ether	ug/L	ND	100	100	77.6	85.1	78	85	39-137	9	20
Methylene chloride	ug/L	ND	50	50	45.1	48.1	90	96	47-141	6	20
n-Butylbenzene	ug/L	ND	50	50	45.8	49.1	92	98	10-156	7	20
n-Hexane	ug/L	ND	50	50	51.3	53.0	103	106	51-137	3	20
n-Propylbenzene	ug/L	ND	50	50	48.2	51.0	96	102	10-148	6	20
Naphthalene	ug/L	ND	50	50	48.5	54.6	94	107	40-124	12	20
p-Isopropyltoluene	ug/L	ND	50	50	48.3	51.1	97	102	10-150	5	20
sec-Butylbenzene	ug/L	ND	50	50	50.6	53.3	101	107	10-150	5	20
Styrene	ug/L	ND	50	50	48.0	51.4	96	103	20-143	7	20
tert-Butylbenzene	ug/L	ND	50	50	43.8	46.3	88	93	10-123	6	20
Tetrachloroethene	ug/L	ND	50	50	42.6	44.9	85	90	30-124	5	20
Toluene	ug/L	ND	50	50	43.0	45.3	86	91	42-130	5	20
trans-1,2-Dichloroethene	ug/L	ND	50	50	56.9	58.9	105	109	48-144	3	20
trans-1,3-Dichloropropene	ug/L	ND	50	50	28.7	32.9	57	66	24-114	14	20
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	120	135	60	67	22-120	11	20
Trichloroethene	ug/L	ND	50	50	51.8	54.2	104	108	44-130	5	20
Trichlorofluoromethane	ug/L	ND	50	50	53.7	56.1	107	112	17-200	4	20
Vinyl acetate	ug/L	ND	200	200	97.2	114	49	57	10-115	16	20
Vinyl chloride	ug/L	ND	50	50	53.2	56.0	106	112	45-159	5	20
Xylene (Total)	ug/L	ND	150	150	147	155	98	103	29-131	5	20
4-Bromofluorobenzene (S)	%						101	101	72-125		20
Dibromofluoromethane (S)	%						97	98	83-123		20

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 40 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 572271 572272												
Parameter	Units	5048620006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%						86	87	81-114		20	

QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

QC Batch: MSV/32419

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Associated Lab Samples: 5048620015, 5048620016

METHOD BLANK: 572576

Matrix: Water

Associated Lab Samples: 5048620015, 5048620016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	05/17/11 00:37	
1,1,1-Trichloroethane	ug/L	ND	5.0	05/17/11 00:37	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	05/17/11 00:37	
1,1,2-Trichloroethane	ug/L	ND	5.0	05/17/11 00:37	
1,1-Dichloroethane	ug/L	ND	5.0	05/17/11 00:37	
1,1-Dichloroethene	ug/L	ND	5.0	05/17/11 00:37	
1,1-Dichloropropene	ug/L	ND	5.0	05/17/11 00:37	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	05/17/11 00:37	
1,2,3-Trichloropropane	ug/L	ND	5.0	05/17/11 00:37	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	05/17/11 00:37	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	05/17/11 00:37	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	05/17/11 00:37	
1,2-Dichlorobenzene	ug/L	ND	5.0	05/17/11 00:37	
1,2-Dichloroethane	ug/L	ND	5.0	05/17/11 00:37	
1,2-Dichloropropane	ug/L	ND	5.0	05/17/11 00:37	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	05/17/11 00:37	
1,3-Dichlorobenzene	ug/L	ND	5.0	05/17/11 00:37	
1,3-Dichloropropane	ug/L	ND	5.0	05/17/11 00:37	
1,4-Dichlorobenzene	ug/L	ND	5.0	05/17/11 00:37	
2,2-Dichloropropane	ug/L	ND	5.0	05/17/11 00:37	
2-Butanone (MEK)	ug/L	ND	25.0	05/17/11 00:37	
2-Chlorotoluene	ug/L	ND	5.0	05/17/11 00:37	
2-Hexanone	ug/L	ND	25.0	05/17/11 00:37	
4-Chlorotoluene	ug/L	ND	5.0	05/17/11 00:37	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	05/17/11 00:37	
Acetone	ug/L	ND	100	05/17/11 00:37	
Acrolein	ug/L	ND	50.0	05/17/11 00:37	
Acrylonitrile	ug/L	ND	100	05/17/11 00:37	
Benzene	ug/L	ND	5.0	05/17/11 00:37	
Bromobenzene	ug/L	ND	5.0	05/17/11 00:37	
Bromochloromethane	ug/L	ND	5.0	05/17/11 00:37	
Bromodichloromethane	ug/L	ND	5.0	05/17/11 00:37	
Bromoform	ug/L	ND	5.0	05/17/11 00:37	
Bromomethane	ug/L	ND	5.0	05/17/11 00:37	
Carbon disulfide	ug/L	ND	10.0	05/17/11 00:37	
Carbon tetrachloride	ug/L	ND	5.0	05/17/11 00:37	
Chlorobenzene	ug/L	ND	5.0	05/17/11 00:37	
Chloroethane	ug/L	ND	5.0	05/17/11 00:37	
Chloroform	ug/L	ND	5.0	05/17/11 00:37	
Chloromethane	ug/L	ND	5.0	05/17/11 00:37	
cis-1,2-Dichloroethene	ug/L	ND	5.0	05/17/11 00:37	
cis-1,3-Dichloropropene	ug/L	ND	5.0	05/17/11 00:37	
Dibromochloromethane	ug/L	ND	5.0	05/17/11 00:37	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 42 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

METHOD BLANK: 572576

Matrix: Water

Associated Lab Samples: 5048620015, 5048620016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	5.0	05/17/11 00:37	
Dichlorodifluoromethane	ug/L	ND	5.0	05/17/11 00:37	
Ethyl methacrylate	ug/L	ND	100	05/17/11 00:37	
Ethylbenzene	ug/L	ND	5.0	05/17/11 00:37	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	05/17/11 00:37	
Iodomethane	ug/L	ND	10.0	05/17/11 00:37	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	05/17/11 00:37	
Methyl-tert-butyl ether	ug/L	ND	4.0	05/17/11 00:37	
Methylene chloride	ug/L	ND	5.0	05/17/11 00:37	
n-Butylbenzene	ug/L	ND	5.0	05/17/11 00:37	
n-Hexane	ug/L	ND	5.0	05/17/11 00:37	
n-Propylbenzene	ug/L	ND	5.0	05/17/11 00:37	
Naphthalene	ug/L	ND	5.0	05/17/11 00:37	
p-Isopropyltoluene	ug/L	ND	5.0	05/17/11 00:37	
sec-Butylbenzene	ug/L	ND	5.0	05/17/11 00:37	
Styrene	ug/L	ND	5.0	05/17/11 00:37	
tert-Butylbenzene	ug/L	ND	5.0	05/17/11 00:37	
Tetrachloroethene	ug/L	ND	5.0	05/17/11 00:37	
Toluene	ug/L	ND	5.0	05/17/11 00:37	
trans-1,2-Dichloroethene	ug/L	ND	5.0	05/17/11 00:37	
trans-1,3-Dichloropropene	ug/L	ND	5.0	05/17/11 00:37	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	05/17/11 00:37	
Trichloroethene	ug/L	ND	5.0	05/17/11 00:37	
Trichlorofluoromethane	ug/L	ND	5.0	05/17/11 00:37	
Vinyl acetate	ug/L	ND	50.0	05/17/11 00:37	
Vinyl chloride	ug/L	ND	2.0	05/17/11 00:37	
Xylene (Total)	ug/L	ND	10.0	05/17/11 00:37	
4-Bromofluorobenzene (S)	%	103	72-125	05/17/11 00:37	
Dibromofluoromethane (S)	%	96	83-123	05/17/11 00:37	
Toluene-d8 (S)	%	88	81-114	05/17/11 00:37	

LABORATORY CONTROL SAMPLE: 572577

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.4	111	69-122	
1,1,1-Trichloroethane	ug/L	50	52.6	105	69-126	
1,1,2,2-Tetrachloroethane	ug/L	50	52.4	105	68-134	
1,1,2-Trichloroethane	ug/L	50	49.8	100	77-129	
1,1-Dichloroethane	ug/L	50	49.1	98	70-127	
1,1-Dichloroethene	ug/L	50	54.2	108	75-145	
1,1-Dichloropropene	ug/L	50	52.4	105	75-126	
1,2,3-Trichlorobenzene	ug/L	50	58.8	118	63-130	
1,2,3-Trichloropropane	ug/L	100	75.9	76	45-121	
1,2,4-Trichlorobenzene	ug/L	50	52.6	105	64-122	
1,2,4-Trimethylbenzene	ug/L	50	51.8	104	68-129	

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REPORT OF LABORATORY ANALYSIS

Page 43 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

LABORATORY CONTROL SAMPLE: 572577

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	56.8	114	77-123	
1,2-Dichlorobenzene	ug/L	50	54.5	109	74-123	
1,2-Dichloroethane	ug/L	50	46.7	93	71-127	
1,2-Dichloropropane	ug/L	50	52.8	106	75-126	
1,3,5-Trimethylbenzene	ug/L	50	53.4	107	69-129	
1,3-Dichlorobenzene	ug/L	50	53.6	107	76-123	
1,3-Dichloropropane	ug/L	50	51.2	102	77-126	
1,4-Dichlorobenzene	ug/L	50	52.9	106	77-121	
2,2-Dichloropropane	ug/L	50	38.9	78	45-138	
2-Butanone (MEK)	ug/L	250	225	90	42-177	
2-Chlorotoluene	ug/L	50	54.3	109	74-129	
2-Hexanone	ug/L	250	212	85	57-162	
4-Chlorotoluene	ug/L	50	53.4	107	70-125	
4-Methyl-2-pentanone (MIBK)	ug/L	250	185	74	64-135	
Acetone	ug/L	250	237	95	10-200	
Acrolein	ug/L	1000	1560	156	10-200	
Acrylonitrile	ug/L	1000	869	87	59-144	
Benzene	ug/L	50	54.9	110	76-123	
Bromobenzene	ug/L	50	53.9	108	67-130	
Bromochloromethane	ug/L	50	54.6	109	58-153	
Bromodichloromethane	ug/L	50	56.6	113	71-124	
Bromoform	ug/L	50	61.6	123	64-116 L3	
Bromomethane	ug/L	50	54.8	110	23-197	
Carbon disulfide	ug/L	100	95.0	95	55-146	
Carbon tetrachloride	ug/L	50	57.7	115	65-125	
Chlorobenzene	ug/L	50	54.4	109	78-120	
Chloroethane	ug/L	50	45.4	91	56-163	
Chloroform	ug/L	50	51.6	103	73-122	
Chloromethane	ug/L	50	40.4	81	46-146	
cis-1,2-Dichloroethene	ug/L	50	61.5	123	79-129	
cis-1,3-Dichloropropene	ug/L	50	42.1	84	66-123	
Dibromochloromethane	ug/L	50	56.6	113	70-123	
Dibromomethane	ug/L	50	58.3	117	73-123	
Dichlorodifluoromethane	ug/L	50	45.2	90	19-200	
Ethyl methacrylate	ug/L	200	176	88	70-127	
Ethylbenzene	ug/L	50	57.5	115	75-120	
Hexachloro-1,3-butadiene	ug/L	50	61.8	124	64-131	
Iodomethane	ug/L	100	144	144	16-181	
Isopropylbenzene (Cumene)	ug/L	50	56.3	113	73-123	
Methyl-tert-butyl ether	ug/L	100	89.4	89	66-128	
Methylene chloride	ug/L	50	47.8	96	61-138	
n-Butylbenzene	ug/L	50	49.0	98	69-130	
n-Hexane	ug/L	50	52.9	106	67-142	
n-Propylbenzene	ug/L	50	52.0	104	71-132	
Naphthalene	ug/L	50	58.0	116	62-130	
p-Isopropyltoluene	ug/L	50	53.4	107	71-126	
sec-Butylbenzene	ug/L	50	56.0	112	69-130	
Styrene	ug/L	50	57.4	115	75-125	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 44 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

LABORATORY CONTROL SAMPLE: 572577

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	54.2	108	49-114	
Tetrachloroethene	ug/L	50	51.4	103	57-125	
Toluene	ug/L	50	48.3	97	72-124	
trans-1,2-Dichloroethene	ug/L	50	58.4	117	71-145	
trans-1,3-Dichloropropene	ug/L	50	39.9	80	58-118	
trans-1,4-Dichloro-2-butene	ug/L	200	152	76	50-121	
Trichloroethene	ug/L	50	58.1	116	77-122	
Trichlorofluoromethane	ug/L	50	49.1	98	56-159	
Vinyl acetate	ug/L	200	155	77	27-119	
Vinyl chloride	ug/L	50	48.4	97	61-146	
Xylene (Total)	ug/L	150	170	113	72-126	
4-Bromofluorobenzene (S)	%			102	72-125	
Dibromofluoromethane (S)	%			100	83-123	
Toluene-d8 (S)	%			88	81-114	

QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

QC Batch: MSV/32389

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 5048620001, 5048620002

METHOD BLANK: 572253

Matrix: Solid

Associated Lab Samples: 5048620001, 5048620002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	05/14/11 01:13	
1,1,1-Trichloroethane	ug/kg	ND	5.0	05/14/11 01:13	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	05/14/11 01:13	
1,1,2-Trichloroethane	ug/kg	ND	5.0	05/14/11 01:13	
1,1-Dichloroethane	ug/kg	ND	5.0	05/14/11 01:13	
1,1-Dichloroethene	ug/kg	ND	5.0	05/14/11 01:13	
1,1-Dichloropropene	ug/kg	ND	5.0	05/14/11 01:13	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	05/14/11 01:13	
1,2,3-Trichloropropane	ug/kg	ND	5.0	05/14/11 01:13	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	05/14/11 01:13	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	05/14/11 01:13	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	05/14/11 01:13	
1,2-Dichlorobenzene	ug/kg	ND	5.0	05/14/11 01:13	
1,2-Dichloroethane	ug/kg	ND	5.0	05/14/11 01:13	
1,2-Dichloropropane	ug/kg	ND	5.0	05/14/11 01:13	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	05/14/11 01:13	
1,3-Dichlorobenzene	ug/kg	ND	5.0	05/14/11 01:13	
1,3-Dichloropropane	ug/kg	ND	5.0	05/14/11 01:13	
1,4-Dichlorobenzene	ug/kg	ND	5.0	05/14/11 01:13	
2,2-Dichloropropane	ug/kg	ND	5.0	05/14/11 01:13	
2-Butanone (MEK)	ug/kg	ND	25.0	05/14/11 01:13	
2-Chlorotoluene	ug/kg	ND	5.0	05/14/11 01:13	
2-Hexanone	ug/kg	ND	100	05/14/11 01:13	
4-Chlorotoluene	ug/kg	ND	5.0	05/14/11 01:13	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	05/14/11 01:13	
Acetone	ug/kg	ND	100	05/14/11 01:13	
Acrolein	ug/kg	ND	100	05/14/11 01:13	
Acrylonitrile	ug/kg	ND	100	05/14/11 01:13	
Benzene	ug/kg	ND	5.0	05/14/11 01:13	
Bromobenzene	ug/kg	ND	5.0	05/14/11 01:13	
Bromochloromethane	ug/kg	ND	5.0	05/14/11 01:13	
Bromodichloromethane	ug/kg	ND	5.0	05/14/11 01:13	
Bromoform	ug/kg	ND	5.0	05/14/11 01:13	
Bromomethane	ug/kg	ND	5.0	05/14/11 01:13	
Carbon disulfide	ug/kg	ND	10.0	05/14/11 01:13	
Carbon tetrachloride	ug/kg	ND	5.0	05/14/11 01:13	
Chlorobenzene	ug/kg	ND	5.0	05/14/11 01:13	
Chloroethane	ug/kg	ND	5.0	05/14/11 01:13	
Chloroform	ug/kg	ND	5.0	05/14/11 01:13	
Chloromethane	ug/kg	ND	5.0	05/14/11 01:13	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	05/14/11 01:13	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	05/14/11 01:13	
Dibromochloromethane	ug/kg	ND	5.0	05/14/11 01:13	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 46 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

METHOD BLANK: 572253

Matrix: Solid

Associated Lab Samples: 5048620001, 5048620002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	05/14/11 01:13	
Dichlorodifluoromethane	ug/kg	ND	5.0	05/14/11 01:13	
Ethyl methacrylate	ug/kg	ND	100	05/14/11 01:13	
Ethylbenzene	ug/kg	ND	5.0	05/14/11 01:13	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	05/14/11 01:13	
Iodomethane	ug/kg	ND	100	05/14/11 01:13	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	05/14/11 01:13	
Methyl-tert-butyl ether	ug/kg	ND	5.0	05/14/11 01:13	
Methylene chloride	ug/kg	ND	20.0	05/14/11 01:13	
n-Butylbenzene	ug/kg	ND	5.0	05/14/11 01:13	
n-Hexane	ug/kg	ND	5.0	05/14/11 01:13	
n-Propylbenzene	ug/kg	ND	5.0	05/14/11 01:13	
Naphthalene	ug/kg	ND	5.0	05/14/11 01:13	
p-Isopropyltoluene	ug/kg	ND	5.0	05/14/11 01:13	
sec-Butylbenzene	ug/kg	ND	5.0	05/14/11 01:13	
Styrene	ug/kg	ND	5.0	05/14/11 01:13	
tert-Butylbenzene	ug/kg	ND	5.0	05/14/11 01:13	
Tetrachloroethene	ug/kg	ND	5.0	05/14/11 01:13	
Toluene	ug/kg	ND	5.0	05/14/11 01:13	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	05/14/11 01:13	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	05/14/11 01:13	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	05/14/11 01:13	
Trichloroethene	ug/kg	ND	5.0	05/14/11 01:13	
Trichlorofluoromethane	ug/kg	ND	5.0	05/14/11 01:13	
Vinyl acetate	ug/kg	ND	100	05/14/11 01:13	
Vinyl chloride	ug/kg	ND	5.0	05/14/11 01:13	
Xylene (Total)	ug/kg	ND	10.0	05/14/11 01:13	
4-Bromofluorobenzene (S)	%	102	67-134	05/14/11 01:13	
Dibromofluoromethane (S)	%	98	71-125	05/14/11 01:13	
Toluene-d8 (S)	%	88	76-124	05/14/11 01:13	

LABORATORY CONTROL SAMPLE: 572254

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	55.8	112	70-118	
1,1,1-Trichloroethane	ug/kg	50	53.9	108	73-123	
1,1,2,2-Tetrachloroethane	ug/kg	50	54.5	109	71-127	
1,1,2-Trichloroethane	ug/kg	50	50.6	101	78-124	
1,1-Dichloroethane	ug/kg	50	50.8	102	73-122	
1,1-Dichloroethene	ug/kg	50	54.2	108	80-137	
1,1-Dichloropropene	ug/kg	50	52.9	106	77-121	
1,2,3-Trichlorobenzene	ug/kg	50	59.5	119	67-125	
1,2,3-Trichloropropane	ug/kg	100	80.8	81	47-117	
1,2,4-Trichlorobenzene	ug/kg	50	52.5	105	64-121	
1,2,4-Trimethylbenzene	ug/kg	50	52.3	105	70-122	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 47 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

LABORATORY CONTROL SAMPLE: 572254

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	56.9	114	79-119	
1,2-Dichlorobenzene	ug/kg	50	53.7	107	76-120	
1,2-Dichloroethane	ug/kg	50	47.9	96	72-125	
1,2-Dichloropropane	ug/kg	50	53.5	107	76-121	
1,3,5-Trimethylbenzene	ug/kg	50	53.9	108	70-122	
1,3-Dichlorobenzene	ug/kg	50	53.5	107	78-120	
1,3-Dichloropropane	ug/kg	50	52.1	104	78-121	
1,4-Dichlorobenzene	ug/kg	50	52.3	105	77-117	
2,2-Dichloropropane	ug/kg	50	41.9	84	55-128	
2-Butanone (MEK)	ug/kg	250	236	94	39-186	
2-Chlorotoluene	ug/kg	50	54.6	109	76-122	
2-Hexanone	ug/kg	250	230	92	53-168	
4-Chlorotoluene	ug/kg	50	52.7	105	73-121	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	205	82	67-124	
Acetone	ug/kg	250	224	89	10-200	
Acrolein	ug/kg	1000	1660	166	10-200	
Acrylonitrile	ug/kg	1000	920	92	70-126	
Benzene	ug/kg	50	55.8	112	77-123	
Bromobenzene	ug/kg	50	54.3	109	73-120	
Bromochloromethane	ug/kg	50	56.8	114	70-131	
Bromodichloromethane	ug/kg	50	57.8	116	74-120	
Bromoform	ug/kg	50	64.7	129	65-116 L3	
Bromomethane	ug/kg	50	56.4	113	18-190	
Carbon disulfide	ug/kg	100	99.0	99	68-127	
Carbon tetrachloride	ug/kg	50	58.7	117	65-127	
Chlorobenzene	ug/kg	50	53.8	108	80-116	
Chloroethane	ug/kg	50	46.7	93	55-159	
Chloroform	ug/kg	50	52.9	106	74-118	
Chloromethane	ug/kg	50	42.9	86	56-142	
cis-1,2-Dichloroethene	ug/kg	50	61.1	122	82-125	
cis-1,3-Dichloropropene	ug/kg	50	43.6	87	67-118	
Dibromochloromethane	ug/kg	50	57.8	116	70-123	
Dibromomethane	ug/kg	50	58.9	118	76-121	
Dichlorodifluoromethane	ug/kg	50	48.9	98	25-200	
Ethyl methacrylate	ug/kg	200	185	93	70-122	
Ethylbenzene	ug/kg	50	57.8	116	77-120	
Hexachloro-1,3-butadiene	ug/kg	50	59.3	119	64-127	
Iodomethane	ug/kg	100	136	136	26-171	
Isopropylbenzene (Cumene)	ug/kg	50	55.6	111	75-118	
Methyl-tert-butyl ether	ug/kg	100	92.7	93	69-125	
Methylene chloride	ug/kg	50	49.4	99	66-128	
n-Butylbenzene	ug/kg	50	51.1	102	68-126	
n-Hexane	ug/kg	50	54.9	110	71-148	
n-Propylbenzene	ug/kg	50	53.3	107	74-124	
Naphthalene	ug/kg	50	61.6	123	68-129	
p-Isopropyltoluene	ug/kg	50	53.4	107	71-123	
sec-Butylbenzene	ug/kg	50	55.6	111	70-126	
Styrene	ug/kg	50	57.1	114	76-120	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 48 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

LABORATORY CONTROL SAMPLE: 572254

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	53.6	107	46-117	
Tetrachloroethene	ug/kg	50	50.2	100	69-112	
Toluene	ug/kg	50	48.7	97	74-121	
trans-1,2-Dichloroethene	ug/kg	50	57.7	115	79-134	
trans-1,3-Dichloropropene	ug/kg	50	41.6	83	59-113	
trans-1,4-Dichloro-2-butene	ug/kg	200	158	79	51-118	
Trichloroethene	ug/kg	50	57.8	116	79-119	
Trichlorofluoromethane	ug/kg	50	49.4	99	57-151	
Vinyl acetate	ug/kg	200	169	84	29-122	
Vinyl chloride	ug/kg	50	50.6	101	69-138	
Xylene (Total)	ug/kg	150	168	112	75-122	
4-Bromofluorobenzene (S)	%			102	67-134	
Dibromofluoromethane (S)	%			96	71-125	
Toluene-d8 (S)	%			88	76-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 572255

572256

Parameter	Units	5048515009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	39.5	40.8	26.9	26.4	68	65	10-111	2	20	
1,1,1-Trichloroethane	ug/kg	ND	39.5	40.8	29.5	30.3	74	74	36-128	3	20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	39.5	40.8	232	750	587	1840	10-130	106	20	M0
1,1,2-Trichloroethane	ug/kg	ND	39.5	40.8	30.3	34.6	77	85	10-126	13	20	
1,1-Dichloroethane	ug/kg	ND	39.5	40.8	33.7	34.6	85	85	39-126	2	20	
1,1-Dichloroethene	ug/kg	ND	39.5	40.8	35.6	37.1	90	91	42-147	4	20	
1,1-Dichloropropene	ug/kg	ND	39.5	40.8	27.3	28.9	69	71	29-129	6	20	
1,2,3-Trichlorobenzene	ug/kg	ND	39.5	40.8	12.1	ND	31	1	10-91		20	
1,2,3-Trichloropropane	ug/kg	ND	79	81.6	36.0	ND	45	1	10-99		20	
1,2,4-Trichlorobenzene	ug/kg	ND	39.5	40.8	10.9	ND	28	2	10-88		20	
1,2,4-Trimethylbenzene	ug/kg	8770	39.5	40.8	652	329	-20500	-20700	10-109	66	20	
1,2-Dibromoethane (EDB)	ug/kg	ND	39.5	40.8	30.7	31.8	78	78	10-119	3	20	
1,2-Dichlorobenzene	ug/kg	ND	39.5	40.8	12.2	2.7J	31	7	10-104		20	
1,2-Dichloroethane	ug/kg	ND	39.5	40.8	31.1	31.7	79	78	19-126	2	20	
1,2-Dichloropropane	ug/kg	ND	39.5	40.8	33.3	34.1	84	84	24-123	2	20	
1,3,5-Trimethylbenzene	ug/kg	4370	39.5	40.8	499	1060	-9790	-8110	10-118	72	20	M0
1,3-Dichlorobenzene	ug/kg	ND	39.5	40.8	12.3	3.1J	31	8	10-108		20	
1,3-Dichloropropane	ug/kg	ND	39.5	40.8	30.2	30.7	76	75	12-121	1	20	
1,4-Dichlorobenzene	ug/kg	ND	39.5	40.8	12.1	3.1J	31	8	10-104		20	
2,2-Dichloropropane	ug/kg	ND	39.5	40.8	23.4	24.9	59	61	32-124	6	20	
2-Butanone (MEK)	ug/kg	ND	198	204	135	132	68	65	10-183	2	20	
2-Chlorotoluene	ug/kg	ND	39.5	40.8	108	408	272	1000	10-128	116	20	M0
2-Hexanone	ug/kg	ND	198	204	127	148	64	72	10-158	15	20	
4-Chlorotoluene	ug/kg	ND	39.5	40.8	14.2	10.6	36	26	10-119	29	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	198	204	124	126	63	62	12-130	2	20	
Acetone	ug/kg	ND	198	204	169	172	53	52	10-200	2	20	
Acrolein	ug/kg	ND	790	816	862	931	109	114	10-200	8	20	
Acrylonitrile	ug/kg	ND	790	816	573	567	72	70	19-130	1	20	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 49 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 572255 572256											
Parameter	Units	5048515009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Benzene	ug/kg	ND	39.5	40.8	33.7	35.2	85	86	23-138	4	20
Bromobenzene	ug/kg	ND	39.5	40.8	30.4	38.0	77	93	10-111	22	20
Bromochloromethane	ug/kg	ND	39.5	40.8	33.4	34.0	84	83	26-126	2	20
Bromodichloromethane	ug/kg	ND	39.5	40.8	33.5	31.2	85	76	10-120	7	20
Bromoform	ug/kg	ND	39.5	40.8	30.2	13.8	76	34	10-106	74	20
Bromomethane	ug/kg	ND	39.5	40.8	23.7	24.1	60	59	10-190	1	20
Carbon disulfide	ug/kg	ND	79	81.6	57.3	56.6	72	69	31-128	1	20
Carbon tetrachloride	ug/kg	ND	39.5	40.8	29.5	29.8	75	73	26-126	1	20
Chlorobenzene	ug/kg	ND	39.5	40.8	22.0	24.8	56	61	10-120	12	20
Chloroethane	ug/kg	ND	39.5	40.8	32.4	29.9	82	73	18-186	8	20
Chloroform	ug/kg	ND	39.5	40.8	33.6	35.0	85	86	29-126	4	20
Chloromethane	ug/kg	ND	39.5	40.8	28.0	28.2	71	69	34-131	1	20
cis-1,2-Dichloroethene	ug/kg	ND	39.5	40.8	40.1	41.5	101	102	28-132	3	20
cis-1,3-Dichloropropene	ug/kg	ND	39.5	40.8	24.0	21.6	61	53	10-108	11	20
Dibromochloromethane	ug/kg	ND	39.5	40.8	31.2	27.1	79	66	10-108	14	20
Dibromomethane	ug/kg	ND	39.5	40.8	35.6	37.2	90	91	13-122	4	20
Dichlorodifluoromethane	ug/kg	ND	39.5	40.8	33.4	35.0	84	86	10-197	5	20
Ethyl methacrylate	ug/kg	ND	159	163	69.4J	85.7	44	53	10-130		20
Ethylbenzene	ug/kg	ND	39.5	40.8	17.4	27.0	44	66	10-135	43	20
Hexachloro-1,3-butadiene	ug/kg	ND	39.5	40.8	4.2	ND	11	0	10-105		20
Iodomethane	ug/kg	ND	79	81.6	55.3J	64.3J	70	79	10-163		20
Isopropylbenzene (Cumene)	ug/kg	17.8	39.5	40.8	23.7	233	15	528	10-121	163	20
Methyl-tert-butyl ether	ug/kg	ND	79	81.6	62.7	64.0	79	78	20-140	2	20
Methylene chloride	ug/kg	ND	39.5	40.8	32.8	33.9	83	83	28-131	3	20
n-Butylbenzene	ug/kg	ND	39.5	40.8	111	68.2	281	167	10-110	48	20 MO
n-Hexane	ug/kg	ND	39.5	40.8	11.0	13.7	28	34	21-150	22	20
n-Propylbenzene	ug/kg	30.0	39.5	40.8	26.6	228	-9	486	10-123	158	20 MO
Naphthalene	ug/kg	4750	39.5	40.8	184	ND	-11500	-11600	10-106		20 MO
p-Isopropyltoluene	ug/kg	8.5	39.5	40.8	20.5	ND	30	-20	10-117		20
sec-Butylbenzene	ug/kg	5.7	39.5	40.8	15.0	413	23	999	10-123	186	20
Styrene	ug/kg	ND	39.5	40.8	19.6	23.0	50	56	10-119	16	20
tert-Butylbenzene	ug/kg	ND	39.5	40.8	10.9	6.0	28	15	10-105	58	20
Tetrachloroethene	ug/kg	11.5	39.5	40.8	26.6	29.2	38	43	10-122	9	20
Toluene	ug/kg	ND	39.5	40.8	23.1	24.6	58	60	10-131	6	20
trans-1,2-Dichloroethene	ug/kg	ND	39.5	40.8	38.1	39.4	96	97	32-136	4	20
trans-1,3-Dichloropropene	ug/kg	ND	39.5	40.8	22.7	21.4	57	52	10-101	6	20
trans-1,4-Dichloro-2-butene	ug/kg	ND	159	163	80.5	3770	51	2310	10-104	192	20
Trichloroethene	ug/kg	ND	39.5	40.8	31.1	32.8	79	80	15-133	5	20
Trichlorofluoromethane	ug/kg	ND	39.5	40.8	29.0	29.5	73	72	37-152	2	20
Vinyl acetate	ug/kg	ND	159	163	ND	ND	13	13	10-103		20
Vinyl chloride	ug/kg	ND	39.5	40.8	31.5	32.2	80	79	41-147	2	20
Xylene (Total)	ug/kg	ND	118	122	67.7	106	51	81	10-131	44	20
4-Bromofluorobenzene (S)	%						100	95	67-134		20
Dibromofluoromethane (S)	%						97	99	71-125		20 1d
Toluene-d8 (S)	%						86	87	76-124		20

QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

QC Batch: MSV/32393

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 5048620003, 5048620004

METHOD BLANK: 572267

Matrix: Solid

Associated Lab Samples: 5048620003, 5048620004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	05/14/11 01:29	
1,1,1-Trichloroethane	ug/kg	ND	5.0	05/14/11 01:29	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	05/14/11 01:29	
1,1,2-Trichloroethane	ug/kg	ND	5.0	05/14/11 01:29	
1,1-Dichloroethane	ug/kg	ND	5.0	05/14/11 01:29	
1,1-Dichloroethene	ug/kg	ND	5.0	05/14/11 01:29	
1,1-Dichloropropene	ug/kg	ND	5.0	05/14/11 01:29	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	05/14/11 01:29	
1,2,3-Trichloropropane	ug/kg	ND	5.0	05/14/11 01:29	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	05/14/11 01:29	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	05/14/11 01:29	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	05/14/11 01:29	
1,2-Dichlorobenzene	ug/kg	ND	5.0	05/14/11 01:29	
1,2-Dichloroethane	ug/kg	ND	5.0	05/14/11 01:29	
1,2-Dichloropropane	ug/kg	ND	5.0	05/14/11 01:29	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	05/14/11 01:29	
1,3-Dichlorobenzene	ug/kg	ND	5.0	05/14/11 01:29	
1,3-Dichloropropane	ug/kg	ND	5.0	05/14/11 01:29	
1,4-Dichlorobenzene	ug/kg	ND	5.0	05/14/11 01:29	
2,2-Dichloropropane	ug/kg	ND	5.0	05/14/11 01:29	
2-Butanone (MEK)	ug/kg	ND	25.0	05/14/11 01:29	
2-Chlorotoluene	ug/kg	ND	5.0	05/14/11 01:29	
2-Hexanone	ug/kg	ND	100	05/14/11 01:29	
4-Chlorotoluene	ug/kg	ND	5.0	05/14/11 01:29	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	05/14/11 01:29	
Acetone	ug/kg	ND	100	05/14/11 01:29	
Acrolein	ug/kg	ND	100	05/14/11 01:29	
Acrylonitrile	ug/kg	ND	100	05/14/11 01:29	
Benzene	ug/kg	ND	5.0	05/14/11 01:29	
Bromobenzene	ug/kg	ND	5.0	05/14/11 01:29	
Bromochloromethane	ug/kg	ND	5.0	05/14/11 01:29	
Bromodichloromethane	ug/kg	ND	5.0	05/14/11 01:29	
Bromoform	ug/kg	ND	5.0	05/14/11 01:29	
Bromomethane	ug/kg	ND	5.0	05/14/11 01:29	
Carbon disulfide	ug/kg	ND	10.0	05/14/11 01:29	
Carbon tetrachloride	ug/kg	ND	5.0	05/14/11 01:29	
Chlorobenzene	ug/kg	ND	5.0	05/14/11 01:29	
Chloroethane	ug/kg	ND	5.0	05/14/11 01:29	
Chloroform	ug/kg	ND	5.0	05/14/11 01:29	
Chloromethane	ug/kg	ND	5.0	05/14/11 01:29	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	05/14/11 01:29	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	05/14/11 01:29	
Dibromochloromethane	ug/kg	ND	5.0	05/14/11 01:29	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 51 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

METHOD BLANK: 572267

Matrix: Solid

Associated Lab Samples: 5048620003, 5048620004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	05/14/11 01:29	
Dichlorodifluoromethane	ug/kg	ND	5.0	05/14/11 01:29	
Ethyl methacrylate	ug/kg	ND	100	05/14/11 01:29	
Ethylbenzene	ug/kg	ND	5.0	05/14/11 01:29	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	05/14/11 01:29	
Iodomethane	ug/kg	ND	100	05/14/11 01:29	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	05/14/11 01:29	
Methyl-tert-butyl ether	ug/kg	ND	5.0	05/14/11 01:29	
Methylene chloride	ug/kg	ND	20.0	05/14/11 01:29	
n-Butylbenzene	ug/kg	ND	5.0	05/14/11 01:29	
n-Hexane	ug/kg	ND	5.0	05/14/11 01:29	
n-Propylbenzene	ug/kg	ND	5.0	05/14/11 01:29	
Naphthalene	ug/kg	5.2	5.0	05/14/11 01:29	B-
p-Isopropyltoluene	ug/kg	ND	5.0	05/14/11 01:29	
sec-Butylbenzene	ug/kg	ND	5.0	05/14/11 01:29	
Styrene	ug/kg	ND	5.0	05/14/11 01:29	
tert-Butylbenzene	ug/kg	ND	5.0	05/14/11 01:29	
Tetrachloroethene	ug/kg	ND	5.0	05/14/11 01:29	
Toluene	ug/kg	ND	5.0	05/14/11 01:29	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	05/14/11 01:29	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	05/14/11 01:29	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	05/14/11 01:29	
Trichloroethene	ug/kg	ND	5.0	05/14/11 01:29	
Trichlorofluoromethane	ug/kg	ND	5.0	05/14/11 01:29	
Vinyl acetate	ug/kg	ND	100	05/14/11 01:29	
Vinyl chloride	ug/kg	ND	5.0	05/14/11 01:29	
Xylene (Total)	ug/kg	ND	10.0	05/14/11 01:29	
4-Bromofluorobenzene (S)	%	101	67-134	05/14/11 01:29	
Dibromofluoromethane (S)	%	96	71-125	05/14/11 01:29	
Toluene-d8 (S)	%	89	76-124	05/14/11 01:29	

LABORATORY CONTROL SAMPLE: 572268

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	52.2	104	70-118	
1,1,1-Trichloroethane	ug/kg	50	51.0	102	73-123	
1,1,2,2-Tetrachloroethane	ug/kg	50	52.1	104	71-127	
1,1,2-Trichloroethane	ug/kg	50	46.7	93	78-124	
1,1-Dichloroethane	ug/kg	50	47.2	94	73-122	
1,1-Dichloroethene	ug/kg	50	53.3	107	80-137	
1,1-Dichloropropene	ug/kg	50	49.2	98	77-121	
1,2,3-Trichlorobenzene	ug/kg	50	54.6	109	67-125	
1,2,3-Trichloropropane	ug/kg	100	81.8	82	47-117	
1,2,4-Trichlorobenzene	ug/kg	50	49.0	98	64-121	
1,2,4-Trimethylbenzene	ug/kg	50	48.7	97	70-122	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 52 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

LABORATORY CONTROL SAMPLE: 572268

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	51.7	103	79-119	
1,2-Dichlorobenzene	ug/kg	50	50.7	101	76-120	
1,2-Dichloroethane	ug/kg	50	44.5	89	72-125	
1,2-Dichloropropane	ug/kg	50	50.2	100	76-121	
1,3,5-Trimethylbenzene	ug/kg	50	50.3	101	70-122	
1,3-Dichlorobenzene	ug/kg	50	49.6	99	78-120	
1,3-Dichloropropane	ug/kg	50	48.8	98	78-121	
1,4-Dichlorobenzene	ug/kg	50	49.3	99	77-117	
2,2-Dichloropropane	ug/kg	50	40.8	82	55-128	
2-Butanone (MEK)	ug/kg	250	207	83	39-186	
2-Chlorotoluene	ug/kg	50	51.4	103	76-122	
2-Hexanone	ug/kg	250	210	84	53-168	
4-Chlorotoluene	ug/kg	50	50.2	100	73-121	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	193	77	67-124	
Acetone	ug/kg	250	233	93	10-200	
Acrolein	ug/kg	1000	1510	151	10-200	
Acrylonitrile	ug/kg	1000	871	87	70-126	
Benzene	ug/kg	50	51.7	103	77-123	
Bromobenzene	ug/kg	50	52.2	104	73-120	
Bromochloromethane	ug/kg	50	45.6	91	70-131	
Bromodichloromethane	ug/kg	50	53.6	107	74-120	
Bromoform	ug/kg	50	59.0	118	65-116 L3	
Bromomethane	ug/kg	50	61.8	124	18-190	
Carbon disulfide	ug/kg	100	102	102	68-127	
Carbon tetrachloride	ug/kg	50	55.0	110	65-127	
Chlorobenzene	ug/kg	50	49.8	100	80-116	
Chloroethane	ug/kg	50	55.3	111	55-159	
Chloroform	ug/kg	50	49.8	100	74-118	
Chloromethane	ug/kg	50	45.5	91	56-142	
cis-1,2-Dichloroethene	ug/kg	50	55.2	110	82-125	
cis-1,3-Dichloropropene	ug/kg	50	40.6	81	67-118	
Dibromochloromethane	ug/kg	50	53.4	107	70-123	
Dibromomethane	ug/kg	50	53.3	107	76-121	
Dichlorodifluoromethane	ug/kg	50	50.0	100	25-200	
Ethyl methacrylate	ug/kg	200	174	87	70-122	
Ethylbenzene	ug/kg	50	52.5	105	77-120	
Hexachloro-1,3-butadiene	ug/kg	50	56.0	112	64-127	
Iodomethane	ug/kg	100	113	113	26-171	
Isopropylbenzene (Cumene)	ug/kg	50	50.6	101	75-118	
Methyl-tert-butyl ether	ug/kg	100	89.0	89	69-125	
Methylene chloride	ug/kg	50	50.3	101	66-128	
n-Butylbenzene	ug/kg	50	48.2	96	68-126	
n-Hexane	ug/kg	50	51.5	103	71-148	
n-Propylbenzene	ug/kg	50	50.4	101	74-124	
Naphthalene	ug/kg	50	61.4	123	68-129	
p-Isopropyltoluene	ug/kg	50	50.1	100	71-123	
sec-Butylbenzene	ug/kg	50	52.5	105	70-126	
Styrene	ug/kg	50	52.8	106	76-120	

Date: 05/18/2011 09:15 AM

REPORT OF LABORATORY ANALYSIS

Page 53 of 56

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QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

LABORATORY CONTROL SAMPLE: 572268

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	45.0	90	46-117	
Tetrachloroethene	ug/kg	50	43.1	86	69-112	
Toluene	ug/kg	50	44.7	89	74-121	
trans-1,2-Dichloroethene	ug/kg	50	54.4	109	79-134	
trans-1,3-Dichloropropene	ug/kg	50	36.9	74	59-113	
trans-1,4-Dichloro-2-butene	ug/kg	200	157	78	51-118	
Trichloroethene	ug/kg	50	53.8	108	79-119	
Trichlorofluoromethane	ug/kg	50	55.2	110	57-151	
Vinyl acetate	ug/kg	200	152	76	29-122	
Vinyl chloride	ug/kg	50	53.9	108	69-138	
Xylene (Total)	ug/kg	150	153	102	75-122	
4-Bromofluorobenzene (S)	%			101	67-134	
Dibromofluoromethane (S)	%			98	71-125	
Toluene-d8 (S)	%			87	76-124	

QUALITY CONTROL DATA

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

QC Batch:	PMST/5824	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	5048620001, 5048620002, 5048620003, 5048620004		

SAMPLE DUPLICATE: 572215

Parameter	Units	5048631001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.0	11.3	3	5	

SAMPLE DUPLICATE: 572216

Parameter	Units	5048648001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.8	17.5	1	5	

QUALIFIERS

Project: Genuine Parts/2127415A

Pace Project No.: 5048620

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

- | | |
|----|---|
| 1d | Several compounds are outside of the acceptance limits for RPD value and/or percent recovery. Refer to batch QC for system control. aa 5/17/11 |
| B- | Analyte detected in method blank but was not detected in the associated samples. |
| L3 | Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias. |
| M0 | Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits. |

Ms. Brittain

June 2, 2011

Page 10

ATTACHMENT D
SOIL AND GROUNDWATER ANALYTICAL DATA SUMMARY TABLES

Table 1.
Soil VOC Analytical Results (mg/kg)
West Michigan Street Area
Indianapolis, Indiana

Sample No.	Date Sampled	Sample Depth (feet)	Lab Sample No.	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	All Other VOCs
EB-1-12	5/12/2011	12	5048620001	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	BDL
EB-2-16	5/12/2011	16	5048620002	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	BDL
EB-3-15.5	5/13/2011	15.5	5048620003	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	BDL
EB-3-15.5 Dup	5/13/2011	15.5	5048620004	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BDL
Trip Blank-Soil	5/12/2011	NA	5048620016	<0.005	<0.005	<0.005	<0.005	<0.005	BDL
RISC Default Closure Level - Residential ⁽¹⁾				0.058	0.057	0.4	0.68	0.013	NA
RISC Default Closure Level - Commercial/Industrial ⁽¹⁾				0.64	0.35	5.8	14	0.027	NA

Samples analyzed using EPA SW-846 Method 8260

mg/kg = milligrams per kilogram

BDL = Below Detection Limits

NA = Not Available

VOCs = Volatile Organic Compounds

⁽¹⁾ Indiana Department of Environmental Management RISC Technical Guide, Final, February 15, 2001, with updates through January 2006.

⁽²⁾ Calculated using surrogate toxicity values and RISC equations from the RISC Technical Guide.

Bold = Above RISC Default Closure Level- Residential

Bold and Shaded = Above RISC Default Closure Level - Commercial/Industrial

Table 2.
Groundwater VOC Analytical Results (ug/L)
West Michigan Street Area
Indianapolis, Indiana

Sample No.	Date Sampled	Sample Depth (feet)	Lab Sample No.	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	All Other VOCs
EW-1-18-23	5/13/2011	18-23	5048620014	<5.0	<5.0	<5.0	<5.0	<2.0	BDL
EW-1-21-26	5/12/2011	21-26	5048620006	<5.0	<5.0	50.2	<5.0	<2.0	BDL
EW-1-30-35	5/13/2011	30-35	5048620005	<5.0	<5.0	218.0	<5.0	21.4	BDL
EW-2-17-22	5/13/2011	17-22	5048620009	<5.0	<5.0	<5.0	<5.0	<2.0	BDL
EW-2-23-28	5/13/2011	23-28	5048620008	<5.0	<5.0	<5.0	<5.0	<2.0	BDL
EW-2-31-36	5/12/2011	31-36	5048620007	<5.0	<5.0	<5.0	<5.0	44.0	BDL
EW-3-15-20	5/13/2011	15-20	5048620011	<5.0	<5.0	<5.0	<5.0	<2.0	BDL
EW-3-25-30	5/13/2011	25-30	5048620012	<5.0	<5.0	16.8	<5.0	<2.0	BDL
EW-3-25-30 Dup	5/13/2011	25-30	5048620013	<5.0	<5.0	17.8	<5.0	<2.0	BDL
EW-3-35-40	5/13/2011	35-40	5048620010	<5.0	<5.0	<5.0	<5.0	68.3	BDL
Trip Blank-Water	5/12/2011	NA	5048620015	<5.0	<5.0	<5.0	<5.0	<2.0	BDL
RISC Default Closure Level - Residential ⁽¹⁾				5	5	70	100	2	NA
RISC Default Closure Level - Commercial/Industrial ⁽¹⁾				55	31	1,000	2,000	4	NA

Samples analyzed using EPA SW-846 Method 8260

ug/L = micrograms per liter

BDL = Below Detection Limits

NA = Not Available

VOCs = Volatile Organic Compounds

⁽¹⁾ Indiana Department of Environmental Management RISC Technical Guide, Final, February 15, 2001, with updates through January 2006.

⁽²⁾ Calculated using surrogate toxicity values and RISC equations from the RISC Technical Guide.

Bold = Above RISC Default Closure Level- Residential

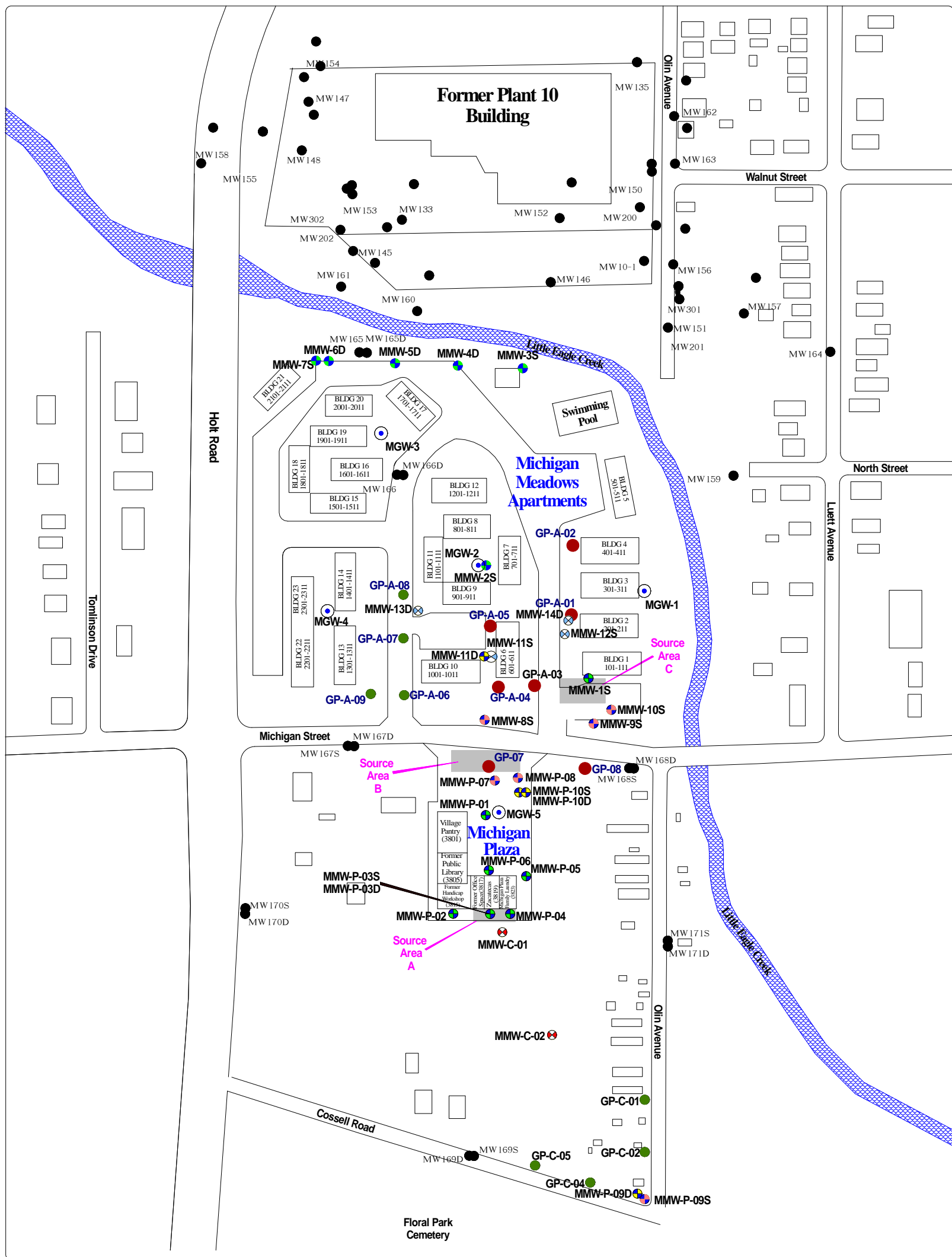
Bold and Shaded = Above RISC Default Closure Level - Commercial/Industrial

Ms. Brittain

June 2, 2011

Page 11

ATTACHMENT E
MUNDELL 2011 QUARTERLY MONITORING PROGRESS REPORT
FIGURE 1 & TABLE 3



LEGEND

—	Fence
MW 160 ●	Keramida/Environ Monitoring Wells
MMW-P-06 ●	MUNDELL Monitoring Wells, Michigan Plaza (September 2005)
MMW-P-07 ●	MUNDELL Monitoring Wells (January 2007)
MMW-P-09D ●	MUNDELL Monitoring Wells (May-June 2007)
MMW-C-01 ●	MUNDELL Monitoring Wells (July/August 2008)
MMW-11S ●	MUNDELL Monitoring Wells (November/December 2008)
GP-C-05 ●	MUNDELL Soil Boring Locations (January 2007)
GP-07 ●	MUNDELL Soil Boring Locations (September 2005)
MGW-1 ●	MUNDELL Soil Gas Well



SCALE
0 200
feet

Keramida Monitoring Well Locations Referenced
from Keramida Environmental, Inc.
Project No. 2829
March 13, 2002



110 South Downey Avenue
Indianapolis, Indiana 46219-6406
317-630-9060, fax 317-630-9065

Project Number:
M01046
Drawing File:
Site Plan.skf
Date Prepared:
2/10/2011
Scale:
1"=200' ±

Site Plan

Michigan Plaza
3801 - 3823 West Michigan Steet
Indianapolis, Indiana

FIGURE

1

Table 3 Cumulative Monitoring Well Groundwater Analytical Results Michigan Plaza Indianapolis, Indiana MUNDELL Project No.: M01046							
Well ID	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Chloroform	Vinyl chloride
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Monitoring Wells (Apts)							
MMW-1S	9/10/2004	< 5.0	< 5.0	< 5.0	< 5.0	<5.0	4.1
	3/15/2005	150	10.0	< 5.0	< 5.0	< 5.0	< 2.0
	11/9/2005	130	8.3	<5.0	<5.0	<5.0	8.9
	9/5/2006	200	13.0	<5.0	<5.0	<5.0	4.6
	2/22/2007	220	14.9	<5.0	<5.0	<5.0	<2.0
	6/14/2007	240		<5.0	<5.0	<5.0	<2.0
	9/19/2007	362	10.5	<5.0	<5.0	31.6	<2.0
	12/13/2007	330	8.1	<5.0	<5.0	27.0	<2.0
	3/21/2008	280	14.0	<5.0	<5.0	<5.0	<2.0
	6/6/2008	277	13.2	<5.0	<5.0	<5.0	<2.0
	9/11/2008	288	14.7	<5.0	<5.0	<5.0	<2.0
	11/20/2008	223	45.5	169	<5.0	<5.0	14.5
	3/16/2009	199	11.3	<5.0	<5.0	<5.0	<2.0
	6/16/2009	237	13.4	<5.0	<5.0	<5.0	<2.0
	8/5/2009	195	22.9	71.3	<5.0	<5.0	9.3
	11/2/2009	189	39.0	119	<5.0	<5.0	26.6
	2/3/2010	160	49.7	59.1	<5.0	<5.0	35.4
	4/22/2010	206	14.7	<5.0	<5.0	<5.0	<2.0
	7/21/2010	310	21.8	<5.0	<5.0	<5.0	<2.0
	10/12/2010	89.4	21.3	208	<5.0	<5.0	32.2
1/19/2011	217	46.2	35.4	<5.0	<5.0	21.8	
MMW-2S	9/10/2004	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/9/2005	<5.0	<5.0	<5.0	<5.0	<5.0	5.2
	9/5/2006	<5.0	<5.0	<5.0	<5.0	<5.0	5.2
	6/2/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/15/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-3S	8/26/2004	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/10/2004	<5.0	5.2	<5.0	<5.0	<5.0	<2.0
	11/9/2005	<5.0	28.0	5.4	<5.0	<5.0	<2.0
	9/5/2006	<5.0	23.0	7.4	<5.0	<5.0	<2.0
	6/2/2008	<5.0	20.2	7.9	<5.0	<5.0	2.8
	6/15/2009	<5.0	15.3	11.7	<5.0	<5.0	3.0
	4/20/2010	<5.0	15.9	8.0	<5.0	<5.0	<2.0
MMW-4D	8/25/2004	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/10/2004	<5.0	<5.0	980	<5.0	<5.0	200
	11/10/2005	<5.0	<5.0	850	<5.0	<5.0	240
	9/5/2006	<5.0	<5.0	1,100	<5.0	<5.0	220
	6/2/2008	<5.0	<5.0	515	<5.0	<5.0	32.2
	6/15/2009	<5.0	<5.0	892	7.0	<5.0	142
	4/20/2010	<5.0	<5.0	719	<5.0	<5.0	237
MMW-5D	8/24/2004	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/10/2004	<5.0	<5.0	3,400	13.0	<5.0	270
	11/10/2005	<5.0	<5.0	3,900	19.0	<5.0	140
	9/5/2006	<50	<50	2,500	<50	<5.0	170
	6/2/2008	<5.0	<5.0	1,360	19.9	<5.0	207
	6/15/2009	<5.0	<5.0	1,110	14.5	<5.0	242
	4/20/2010	<5.0	<5.0	943	<5.0	<5.0	204
MMW-6D	9/10/2004	<5.0	<5.0	540	<5.0	<5.0	400
	11/10/2005	<5.0	<5.0	750	<5.0	<5.0	700
	9/5/2006	<5.0	<5.0	300	<5.0	<5.0	440
	6/2/2008	<5.0	<5.0	65.5	<5.0	<5.0	242
	6/15/2009	<5.0	<5.0	8.6	<5.0	<5.0	111
	4/20/2010	<5.0	<5.0	8.2	<5.0	<5.0	63.6
IDEM RISC Industrial Default Cleanup Level - 2006		55	31	1,000	2,000	1,000	4
IDEM RISC Residential Default Cleanup Level - 2006		5	5	70	100	80	2
Notes: All Values Over IDEM RISC Default Industrial Cleanup Level in RED All Values Over IDEM RISC Default Residential Cleanup Level in BLUE PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene Green Shading indicates areas that appear to be undergoing reductive dechlorination due to CAP-18 Injections "J" designation indicates concentration was estimated due to high concentration of one parameter requiring dilution on other parameter quantitations All analytical results presented in micrograms per liter (ug/L).							

Table 3 Cumulative Monitoring Well Groundwater Analytical Results Michigan Plaza Indianapolis, Indiana MUNDELL Project No.: M01046							
Well ID	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Chloroform	Vinyl chloride
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MMW-P-06	11/8/2005	<5.0	<5.0	200	24.0	<5.0	21.0
	2/22/2007	<5.0	<5.0	158	19.2	<5.0	<2.0
	6/14/2007	<5.0	<5.0	214	22.7	<5.0	13.3
	9/19/2007	<5.0	<5.0	283	38.2	<5.0	26.1
	12/14/2007	<5.0	<5.0	260	40.0	<5.0	31.0
	3/20/2008	<5.0	<5.0	250	31.0	<5.0	26.0
	6/5/2008	<5.0	<5.0	265	30.9	<5.0	40.1
	9/11/2008	<5.0	<5.0	271	33.3	<5.0	<2.0
	11/19/2008	<5.0	<5.0	292	<5.0	<5.0	61.4
	3/17/2009	<5.0	<5.0	292	35.3	<5.0	<2.0
	6/17/2009	<5.0	<5.0	145	22.2	<5.0	90.6
	8/6/2009	<5.0	<5.0	136	14.3	<5.0	301
	11/3/2009	<5.0	<5.0	107	15.2	<5.0	292
	2/4/2010	<5.0	<5.0	79.1	11.2	<5.0	1,870
	4/22/2010	<5.0	<5.0	23.7	8.0	<5.0	2,470
	7/21/2010	<50.0	<50.0	<50.0	<50.0	<50.0	5,870
	10/14/2010	<100	<100	<100	<100	<100	12,900
1/20/2011	<100	<100	2,700	<100	<100	15,000	
MMW-P-07	2/22/2007	3,060	81.5	82.0	8.8	<5.0	<2.0
	6/14/2007	2,850	90.0	82.5	<50.0	<50.0	<20.0
	9/20/2007	5,200	109	121	16.1	<5.0	2.0
	12/13/2007	1,440	157	930	8.8	7.4	80.0
	3/21/2008	31	7.6	1,700	27.0	<5.0	110
	6/5/2008	<5.0	<5.0	938	15.6	<5.0	466
	9/11/2008	<5.0	<5.0	1,870	55.2	<5.0	1,620
	11/19/2008	<5.0	<5.0	797	<5.0	<5.0	749
	3/17/2009	<5.0	<5.0	361	17.7	<5.0	1,830
	6/17/2009	<5.0	<5.0	87.1	9.4	<5.0	1,130
	8/6/2009	<5.0	<5.0	48.7	<5.0	<5.0	787
	11/3/2009	<5.0	<5.0	809	14.1	<5.0	1,510
	2/4/2010	<5.0	<5.0	555	12.4	<5.0	1,880
	4/22/2010	<5.0	7.0	1,050	23.7	<5.0	2,080
	7/22/2010	<5.0	<5.0	247	7.8	<5.0	1,680
	10/14/2010	<25.0	<25.0	665	<25.0	<25.0	2,310
	1/20/2011	<5.0	<5.0	295	13.9	<5.0	562
MMW-P-08	2/22/2007	6,280	281	240	26.7	<5.0	<2.0
	6/14/2007	6,440	310	169	<50.0	<50.0	<20.0
	9/20/2007	9,780	494	201	25.3	<5.0	6.5
	12/14/2007	390	210	5,800	<50.0	<50.0	<20.0
	3/21/2008	6.7	11.0	6,500	130	<5.0	55.0
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	562
	9/11/2008	5.8	5.0	18,300	686	<50.0	4,740
	11/19/2008	<50.0	<50.0	5,690	91.4	<50.0	13,000
	3/17/2009	<5.0	<5.0	1,130	47.1	<5.0	5,680
	6/17/2009	<125	<125	356	145	<5.0	7,200
	8/6/2009	<125	<125	601	<50.0	<50.0	8,960
	11/3/2009	<50.0	<50.0	86.7	<50.0	<50.0	2,860
	2/4/2010	<50.0	<50.0	1,140	<50.0	<50.0	4,860
	4/22/2010	<5.0	<5.0	45.7	8.1	<5.0	2,180
	7/22/2010	<5.0	<5.0	97.8	<5.0	<5.0	1,320
	10/14/2010	<25.0	<25.0	39.5	<25.0	<25.0	676
	1/20/2011	<5.0	<5.0	590	14.8	<25.0	1,770
MMW-P-09S	2/22/2007	10.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/14/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/19/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	12/12/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/20/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/11/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/19/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/16/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/6/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/3/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/3/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/13/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	1/19/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
IDEM RISC Industrial Default Cleanup Level - 2006		55	31	1,000	2,000	1,000	4
IDEM RISC Residential Default Cleanup Level - 2006		5	5	70	100	80	2
Notes: All Values Over IDEM RISC Default Industrial Cleanup Level in RED All Values Over IDEM RISC Default Residential Cleanup Level in BLUE PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene Green Shading indicates areas that appear to be undergoing reductive dechlorination due to CAP-18 Injections "J" designation indicates concentration was estimated due to high concentration of one parameter requiring dilution on other parameter quantitations All analytical results presented in micrograms per liter (ug/L).							

Table 3 Cumulative Monitoring Well Groundwater Analytical Results Michigan Plaza Indianapolis, Indiana MUNDELL Project No.: M01046							
Well ID	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Chloroform	Vinyl chloride
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-168D	11/7/2005	<5.0	<5.0	6.8	<5.0	<5.0	49.0
	2/21/2007	<5.0	<5.0	8.4	<5.0	<5.0	58.1
	6/14/2007	<5.0	<5.0	5.2	<5.0	<5.0	47.5
	9/19/2007	<5.0	<5.0	<5.0	<5.0	<5.0	89.7
	12/12/2007	<5.0	<5.0	<5.0	<5.0	<5.0	74.0
	3/20/2008	<5.0	<5.0	8.0	<5.0	<5.0	39.0
	6/5/2008	<5.0	<5.0	13.4	<5.0	<5.0	65.9
	9/11/2008	<5.0	<5.0	5.5	<5.0	<5.0	<2.0
	3/17/2009	<5.0	<5.0	16.5	<5.0	<5.0	<2.0
	6/18/2009	<5.0	<5.0	<5.0	<5.0	<5.0	14.5
	8/7/2009	<5.0	<5.0	<5.0	<5.0	<5.0	36.2
	11/4/2009	<5.0	<5.0	<5.0	<5.0	<5.0	99.1
	2/4/2010	<5.0	<5.0	6.3	<5.0	<5.0	128
	4/21/2010	<5.0	<5.0	13.2	<5.0	<5.0	134
	7/22/2010	<5.0	<5.0	6.0	<5.0	<5.0	122
10/13/2010	<5.0	<5.0	<5.0	<5.0	<5.0	134	
MW-169S	11/7/2005	<5.0	<5.0	<5.0	<5.0	NA	<2.0
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-169D	11/7/2005	<5.0	<5.0	<5.0	<5.0	NA	5.1
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	14.3
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	6.1
MW-170S	6/3/2008	<5.0	<5.0	<5.0	<5.0	<5.0	5.5
	6/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-170D	6/3/2008	<5.0	<5.0	<5.0	<5.0	<5.0	230
	6/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	174
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	161
	7/7/2010	<5.0	<5.0	<5.0	<5.0	<5.0	233
MW-171S	6/3/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-171D	6/3/2008	<5.0	<5.0	<5.0	<5.0	<5.0	3.0
	6/16/2009	<5.0	<5.0	<5.0	<5.0	<5.0	2.2
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	6.3
	7/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
Floral Park Cemetery Wells (Off-site)							
MMW-C-01	11/20/2008	15.7	8.3	296	<5.0	<5.0	<2.0
	3/17/2009	<5.0	<5.0	508	7.3	<5.0	<2.0
	6/18/2009	23.2	<5.0	<5.0	<5.0	<5.0	<2.0
	8/6/2009	84.8	<5.0	66.9	<5.0	<5.0	35.2
	11/3/2009	12.6	<5.0	211	8.9	<5.0	2,720
	2/3/2010	<5.0	<5.0	176	10.1	<5.0	1,790
	4/21/2010	15.3	<5.0	165	7.1	<5.0	1,660
	7/22/2010	40.9	<5.0	22.4	<5.0	<5.0	8.1
	10/14/2010	<5.0	<5.0	69.1	<5.0	<5.0	1,100
	1/19/2011	<5.0	<5.0	14.7	<5.0	<5.0	215
MMW-C-02	11/20/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/18/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/6/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/3/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/3/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/13/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	1/19/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
IDEM RISC Industrial Default Cleanup Level - 2006		55	31	1,000	2,000	1,000	4
IDEM RISC Residential Default Cleanup Level - 2006		5	5	70	100	80	2
Notes: All Values Over IDEM RISC Default Industrial Cleanup Level in RED All Values Over IDEM RISC Default Residential Cleanup Level in BLUE PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene Green Shading indicates areas that appear to be undergoing reductive dechlorination due to CAP-18 Injections "J" designation indicates concentration was estimated due to high concentration of one parameter requiring dilution on other parameter quantitations All analytical results presented in micrograms per liter (ug/L).							

Ms. Brittain

June 2, 2011

Page 12

ATTACHMENT F
MUNDELL 2007 FSI ADDENDUM I FIGURE 1

Ms. Brittain

June 2, 2011

Page 13

**ATTACHMENT G
REGULATORY CORRESPONDENCE**



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Thomas W. Easterly
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IDEM Office of Land Quality - Fillroom Stamp	
VRP Project Name:	Michigan Plaza
VRP#: 6061202	File Code: 300
Description:	FSI comment letter
Confidential? <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Deliberative? <input type="checkbox"/> Yes	May 4, 2007 <input checked="" type="checkbox"/> No

100 North Senate Avenue
Indianapolis, Indiana 46204
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(800) 451-6027
www.IN.gov/idem

Mr. John Mundell
Mundell & Associates, Inc.
429 East Vermont Street, Suite 200
Indianapolis, IN 46202

Re: Further Site Investigation Addendum I
Report Review
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
VRP #6061202

Dear Mr. Mundell:

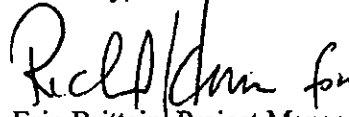
This office has completed review of the Further Site Investigation Addendum I Report submitted April 4, 2007 for the Michigan Plaza facility in Indianapolis, Indiana. The report was reviewed to determine compliance with appropriate IDEM guidance, and generally accepted industry standards. The IDEM has the following comments.

Comments:

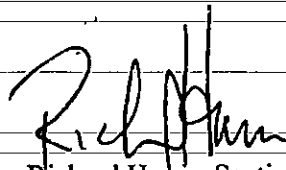
1. The shallow contaminant plume appears to be sufficiently delineated for site characterization purposes. Remedial planning for the shallow zone can begin.
2. Additional vertical delineation needs to be completed in the on-site and off-site source areas of the deeper contamination. Based on the high levels of soil and groundwater contamination in the source areas, it is probable that NAPLs were released and may have sunk below the current monitoring network. Deep wells (~35-50 feet deep) should be placed near MMW-8S, MMW-P-07 and 08, and down-gradient of MMW-P-03D. Further investigation may be required based on data from these locations.

Please respond to the above comments within 60 days from receipt of this letter. If you have any questions, please contact me at (317) 233-2991, (800) 451-6027, or at ebrittai@idem.in.gov.

Sincerely,


Erin Brittain, Project Manager
Voluntary Remediation Program
Office of Land Quality

COPY



Richard Harris, Section Chief
Voluntary Remediation Program
Office of Land Quality

cc: Erin Brittain, VRP Project Manager (2)



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May 27, 2008

Mr. John Mundell
Mundell & Associates
110 South Downey Avenue
Indianapolis, IN 46202

Re: Remediation Work Plan Review
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
VRP #6061202

Dear Mr. Mundell:

This office has completed review of the Remediation Work Plan (RWP) received February 28, 2008 for the Michigan Plaza facility in Indianapolis, Indiana. The IDEM has the following comments.

Comments:

1. The CAP 18 remediation strategy proposed and implemented by the consultant is not objectionable to IDEM. However, additional clarification and monitoring data will be required before IDEM can grant formal approval. The RWP does not clearly state the alternative remedial strategy if the CAP 18 remedy does not satisfactorily degrade contaminants to the intended closure goals. Additional CAP 18 injections may be necessary or a completely alternative remedy will need to be developed should contaminants persist above closure goals.
2. The extent of groundwater contamination has not been defined. The IDEM agrees with the placement of the monitoring well west of MW-171S and MW-171D once access is granted on the Floral Park Cemetery property. Also, please update the figures in the RWP with the newly constructed Floral Park Cemetery building, which is directly south of Michigan Plaza.
3. The consultant has proposed to install three additional vapor mitigation systems at the Michigan Meadows Apartment Complex. The RWP stated indoor air samples will be collected shortly after installing the systems. This should be completed as soon as possible if indoor air samples have not already been taken. It should be noted that IDEM requires at least one round of indoor air sampling under worst-case scenario conditions. Worst-case scenario is late winter/early spring, the inside temperature is 10 degrees greater than the outdoor temperature, the soil is frozen or saturated with rain, doors and windows are closed, and the mechanical heating system is operating. Therefore, it may be necessary to collect additional air samples if worst-case scenario conditions were not met.

4. A vapor sampling plan including annual sampling of the Michigan Meadows Apartments and Michigan Plaza at worst-case scenario conditions needs to be included in the RWP. Also, all vapor data collected to date must be included in the RWP.
5. Two businesses in the strip mall and three of the apartment buildings have or will have operating vapor-mitigation systems. While these may eliminate the inhalation pathway, they are an active engineering control that requires maintenance and monitoring. Because of the nature of a VRP Covenant Not to Sue (CNTS), with which IDEM releases the applicant from all further responsibility, any technology which requires active operation and maintenance cannot be included as a part of the permanent closure strategy. VRP does not anticipate granting closure on any site while active remediation is still required.
6. The RWP indicates that indoor air impacts at the Michigan Plaza and Michigan Meadows Apartments are attributable to background conditions and implies the vapor contamination is from the Genuine Parts plume. Tables 19a and 19b show the Constituents of Concern (COCs) detected above target indoor air concentrations are mainly PCE and TCE. The presence of these COCs in soil and groundwater on the Michigan Plaza and Michigan Meadows Apartment properties has been shown not to be related to the Genuine Parts site. The COCs cis-1,2 DCE and vinyl chloride were each detected above target indoor air concentrations at the Michigan Plaza site. The shallow groundwater in this area also has cis-1,2 DCE and vinyl chloride contamination which is attributable to the Michigan Plaza plume (Figures 31C and 31D).
7. Three source areas are identified in the RWP including one beneath the Michigan Plaza building as Source Area A, one near the Michigan Meadows Apartment Buildings 10 and 6 as Source Area B, and a third source area near Michigan Meadows Apartment Building 1 as Source Area C. No soil samples have been collected beneath the Michigan Plaza building in the area of the former Accent Cleaners and soil impacts in all three source areas have not been delineated to RISC Residential Default Closure Levels (RDCLs). The soil medium must be addressed in the RWP.
8. Figures 20, 22, 32a and 32b imply that all or nearly all of the deep cis-1,2 DCE and vinyl chloride contamination is a part of the Genuine Parts plume. There is currently insufficient data to support whether this is accurate or not. There are no deep wells between Genuine Parts well MW-166 and the up-gradient edge of the Michigan Plaza plume, which there is approximately 300 feet between those two wells. The contaminants and contaminant behavior from both plumes are nearly identical. Without a clear measurement of the vertical extent of contamination in all Michigan Plaza source areas, IDEM cannot determine if deep contaminants present down-gradient of these source areas are primarily related to the Michigan Plaza release. Deep wells in the areas of GP-A-01, MMW-2S, and west of MMW-11S may clarify the nature and extent of deep contaminants. Also, cross-sectional maps of the plumes, with data points, need to be submitted in the Revised RWP.
9. Wells MW-2S, MW-3S, MW-4D, MW-5D, MW-6D and MW-7S have apparently been sampled since September 2006 but those results have not been tabulated. Figures 31a-31d have not been updated to show the entire well network or the updated plume data. It appears from the figures that all updating stopped in February 2007, even though the RWP is dated February 22, 2008. All tables and figures must show the most current data.
10. The IDEM appreciates that there is a significant amount of data about the site and that there have been several phases of investigation. However, the tables and figures are separated out into individual components depicting single sampling or mobilization events. This makes it difficult to get a full picture of the plume behavior. The IDEM requests one large scale figure which shows all soil samples and another figure which shows all groundwater samples with dates of sampling.

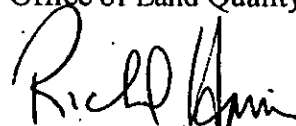
11. The RWP identifies PCE, TCE, cis-1,2 DCE, and vinyl chloride as indicator compounds. If these compounds are the COCs in the remedial project area, then closure goals need to be included in the RWP for all COCs and also identifying the COC closure goals for soil, groundwater, etc. The RWP also states that closure goals for cis-1,2 DCE and vinyl chloride will be determined at a later date; however, closure goals for these compounds need to be provided in the Revised RWP.
12. The RWP states that institutional controls will be utilized upon site closure. It is not clear which institutional controls are to be implemented such as groundwater or soil restrictions in an Environmental Restrictive Covenant (ERC). Institutional controls should be clearly identified in the RWP for both the Michigan Plaza and Michigan Meadows Apartments properties.
13. Figure 2b shows a red outline of the approximate boundaries of the VRP project area. Although it is appropriate at this stage of the project to identify areas targeted for remediation, the final Covenant Not to Sue area will be determined at the conclusion of the project. Please note that coverage under a CNTS will not be granted for areas, media, or constituents that have not been sampled, for areas of the site that are beyond the area of contaminant delineation, or that extend beyond the Michigan Meadows property boundary.
14. According to RISC Guidance, Level IV QA/QC documentation should be provided when defining nature and extent of contamination and at closure. These requirements may be found at http://www.in.gov/idem/programs/risc/tech_guide/pdfs/riscapp2.pdf
15. The IDEM Draft Pilot Program Vapor Intrusion Guidance states that Level IV QA/QC documentation should be provided with all sampling. All future indoor air sampling should include Level IV QA/QC documentation (including raw data).
16. A site-specific matrix spike/matrix spike duplicate was not collected for the quarterly sampling in September 2007. A site-specific matrix spike/matrix spike duplicate should be provided with every quarterly sampling event.
17. The RWP did not state that IDEM will split confirmation sampling either during additional investigations or for closure sampling. The IDEM must split samples for both soil and groundwater before closure will be granted for the site. A final sampling and analysis plan must be submitted to IDEM for approval before the end of the project.

Please respond to the above comments in a Revised Remediation Work Plan within 60 days from receipt of this letter. If you have any questions, please contact me at (317) 233-2991, (800) 451-6027, or at ebrittai@idem.in.gov.

Sincerely,



Erin Brittain, Project Manager
Voluntary Remediation Program
Office of Land Quality



Richard Harris, Section Chief
Voluntary Remediation Program
Office of Land Quality

cc: Erin Brittain, VRP Project Manager (2 copies)



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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January 22, 2010

Mr. Bob Lewis
Environmental, Safety and DOT Compliance Manager
Genuine Parts Company
2999 Circle 75 Parkway
Atlanta, GA 30339

Mr. John Mundell
Mundell & Associates
110 South Downey Avenue
Indianapolis, IN 46219

Re: Additional Investigation Request
VRP #6991004 and #6061202

Dear Mr. Lewis and Mr. Mundell:

The Indiana Department of Environmental Management (IDEM) and the U.S. Environmental Protection Agency (EPA) met on January 21, 2010 to discuss the next steps required to identify the source of contamination affecting residential drinking water wells along Cossell and Vermont Streets in Indianapolis, Indiana. The three sites discussed include Genuine Parts, Michigan Plaza and Allison Transmission Plant 12. The following is a list of action items that are required for this effort:

1. The EPA proposes to temporarily shut down the remediation system on the Allison Transmission Plant 12 site to conduct a monitoring well water level gauging event at all three sites. The gauging event will be conducted by EPA's contractor. To conduct the gauging event, the EPA must secure access agreements from the property owners where the monitoring wells are installed. A list of all monitoring wells, the properties on which they are installed, and the property owner/contact information must be submitted to IDEM for the Genuine Parts and Michigan Plaza sites, and any other affected properties.
2. The EPA will obtain access to the residential homes to conduct vapor intrusion sampling, which will be coordinated with the Marion County Health Department.
3. The Allison Transmission Plant 12 site began additional investigation on January 11, 2010, including advancing six soil borings and completing two of those borings as temporary wells (one-inch piezometers). All sampling is expected to be completed by January 31, 2010 and results will be submitted to the EPA.
4. The IDEM and the EPA request additional monitoring well installation for both Genuine Parts and Michigan Plaza sites. For the Genuine Parts site, two or three permanent monitoring wells should be placed between the known Genuine Parts plume

and the residential drinking water wells. These can be installed either along Holt Road or in the Michigan Meadows complex, but need to be generally west of MW-166 and MW-167. They should be screened at the base of the aquifer, but IDEM and EPA recommend that the borings be extended 10-15 feet into the till to confirm its off-site extent and generalized thickness. Also, after reviewing the Remediation System Evaluation Report--dated December 9, 2009, the IDEM requests trend lines and estimated cleanup goals and times for MW-165, 166 and 167. Also, currently well nest MW-170 S and D is only sampled annually in the summer (June) by Michigan Plaza. In order to get a more complete data set, IDEM recommends that Genuine Parts begin sampling this well nest in the winter (December or January).

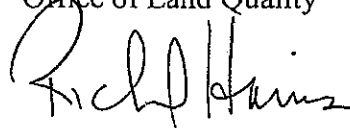
5. While the Michigan Plaza release initially contained primarily PCE, the aggressive bioremediation effort has increased vinyl chloride concentrations over 1000 times in some locations and has changed the equilibrium of the aquifer. For the Michigan Plaza site, at least one permanent monitoring well should be placed between the known Michigan Plaza source behind the building and the residential drinking water wells. This well should be installed west or southwest of MMW-P-3D. Potential locations are on the Floral Park property or along the utility easement which extends along the south side of the Michigan Street parcels to Holt Road. The monitoring well should be screened at the base of the aquifer, but IDEM and EPA recommend that the borings be extended 10-15 feet into the till to confirm its off-site extent and generalized thickness. It should also be noted that after IDEM's review of the Quarterly Monitoring Progress Report - 3rd Quarter, 2009, dated December 16, 2009, groundwater elevation data indicate that Little Eagle Creek may be a recharge boundary at least for the shallow wells. This has the effect of pushing groundwater flow to the west locally.

The IDEM and the EPA will be meeting again to discuss these three sites on February 9, 2010. Please respond to the above comments before this date. If you have any questions, please contact me at (317) 233-2991, (800) 451-6027, or at ebrittain@idem.in.gov.

Sincerely,



Erin Brittain, Project Manager
Voluntary Remediation Program
Office of Land Quality



Richard Harris, Section Chief
Voluntary Remediation Program
Office of Land Quality

cc: Andy Gremos, Keramida, 401 North College Avenue, Indianapolis, IN 46202
Pam Thevenow, Marion County Health Department, Water Quality & Hazardous Materials Management, 3838 North Rural Street, Indianapolis, IN 46205
Brian Schlieger, Environmental Protection Agency, Superfund Division, 77 West Jackson Blvd. (SE-5J), Chicago, IL 60604
Shelly Lam, Environmental Protection Agency, 2525 North Shadeland Avenue, Indianapolis, IN 46219



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March 30, 2011

Mr. John Mundell
Mundell & Associates
110 South Downey Avenue
Indianapolis, IN 46219

Re: Revised Work Plan for Third Round of
CAP 18 ME Injections
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
VRP #6061202

Dear Mr. Mundell:

This office has completed review of the Revised Work Plan for Third Round of CAP 18 ME Injections received March 28, 2011 for the Michigan Plaza facility in Indianapolis, Indiana. The report cannot be approved until the following comments are addressed.

Comments:

1. The proposed new well nest to the south is generally acceptable to monitor the groundwater downgradient of the injections in source area A. IDEM also requests a well nest to the west of injection points 21 and 22. These wells along with proposed wells P-MMW-P-11S/D should be sampled prior to the CAP 18 injection event to gather baseline data. The water levels should also be monitored during injections so that supporting data can be gathered to determine if the groundwater gradient is changing and potentially pushing contaminants in unexpected directions. After the injection event, these wells should again be sampled to determine changes in the aquifer from the injections.
2. IDEM requests the next monitoring report include a tabulation of all previous results of bioremediation parameters (dissolved oxygen, iron, magnesium, sulfate, nitrates, etc.) along with the ethane, ethene, and methane parameters. Quarterly sampling of all these parameters is needed for a minimum of one year after injections.

Please notify IDEM when the monitoring wells will be installed so that representatives may be present. After the well installation, please again notify IDEM of the CAP 18 injection schedule. If you have any questions, please contact me at (317) 233-2991, (800) 451-6027, or at ebrittai@idem.in.gov.

Sincerely,

Erin Brittain, Project Manager
Voluntary Remediation Program
Office of Land Quality

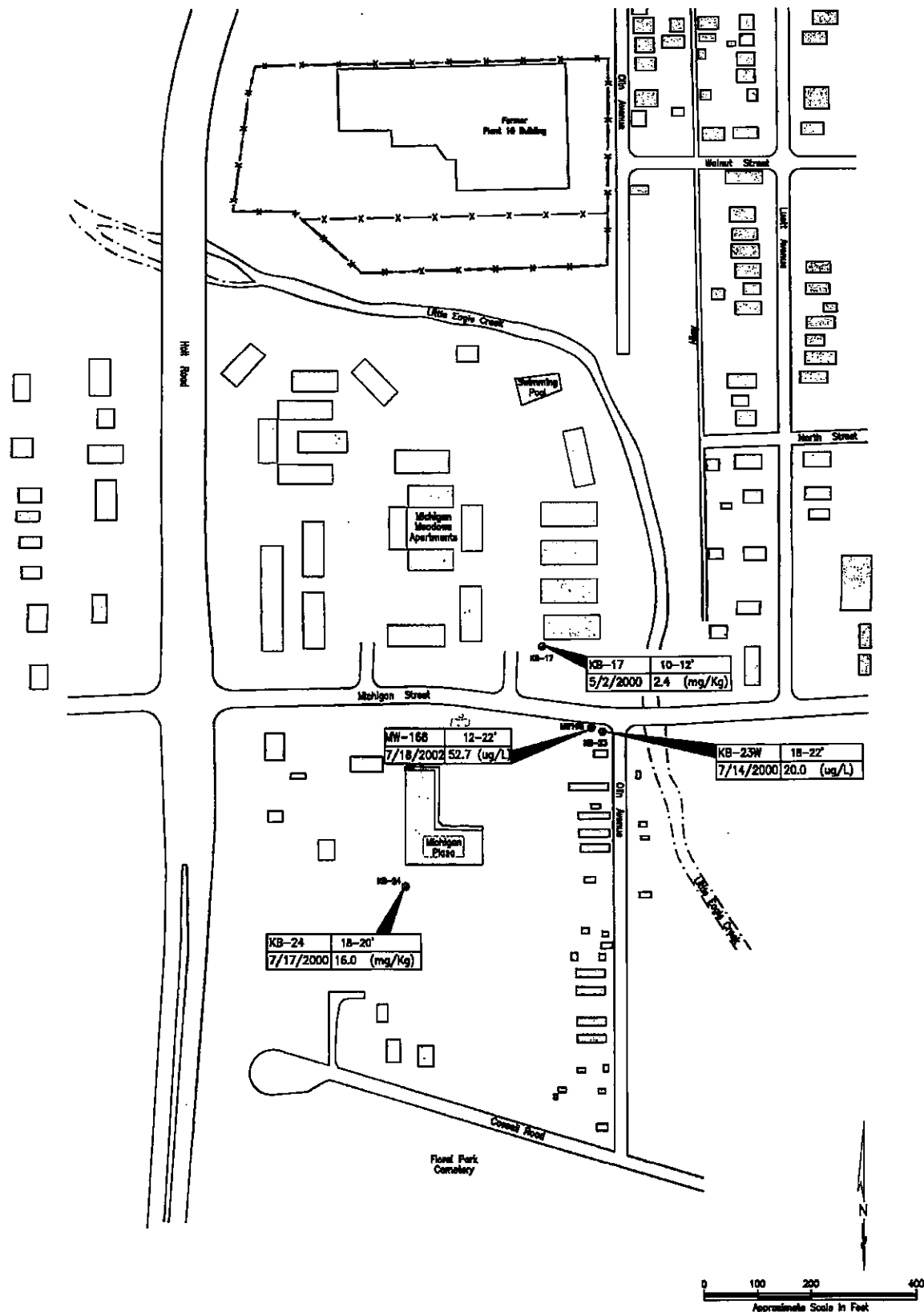
Ms. Brittain

June 2, 2011

Page 14

ATTACHMENT H
KERAMIDA 2004 FINAL RWP FIGURE 18

- LEGEND:**
- MW-168 ● KERAMIDA Monitoring Well
Water Samples are denoted as (ug/L)
 - KB-23W ● KERAMIDA Soil Boring with a Water Sampling
Water Samples are denoted as (ug/L)
 - KB-12 ● KERAMIDA Soil Boring with a Soil Sample
Soil Samples are denoted as (mg/Kg)
 - ▭ Existing Building
(Commercial, Residential, Trailers)
 - X- Fence
 - - - Little Eagle Creek
 - - - Property Boundary



Project: Former General Motors Corporation
Allison Gas Turbine Division-Plant 10
700 North Otis Avenue
Indianapolis, Indiana

Scale: 1" = 200'
Date: 10.30.03
Approved By:

Figure 18
PCB in Off-Site Groundwater
and Soil Analytical Summary Map

Ms. Brittain

June 2, 2011

Page 15

ATTACHMENT I
MUNDELL 2006 FURTHER SITE CHARACTERIZATION REPORT
SEWER LINE PHOTOS

APPENDIX F

Sewer Line Camera Investigation Snapshots

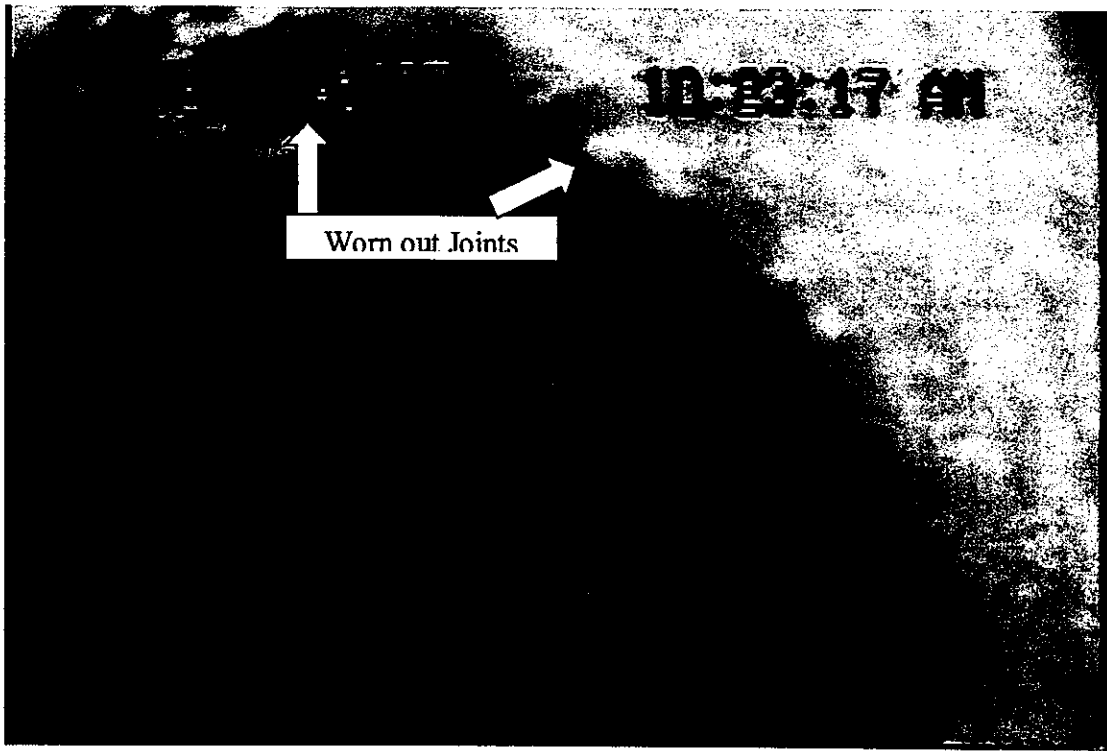


Photo 1: Worn out Joint (Sewer Line West of Michigan Plaza)



Photo 2: Water Accumulation (possible clog/belly): Line West of Michigan Plaza

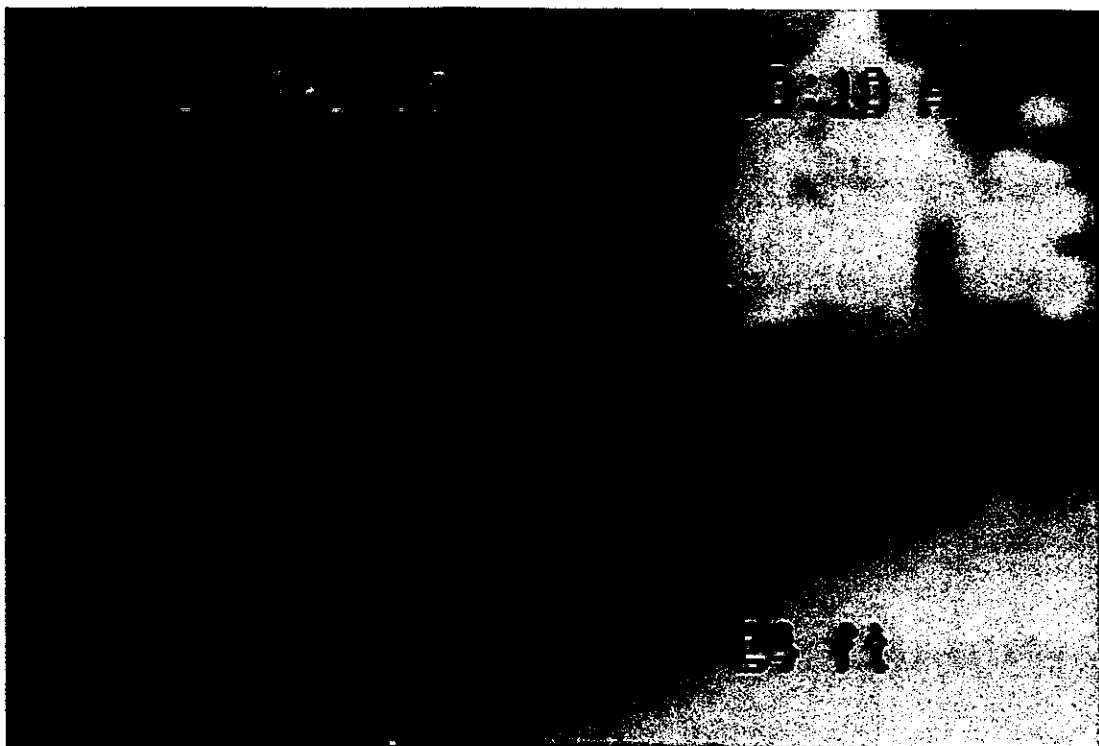


Photo 3: Water Accumulation (possible belly): Line West of Michigan Plaza

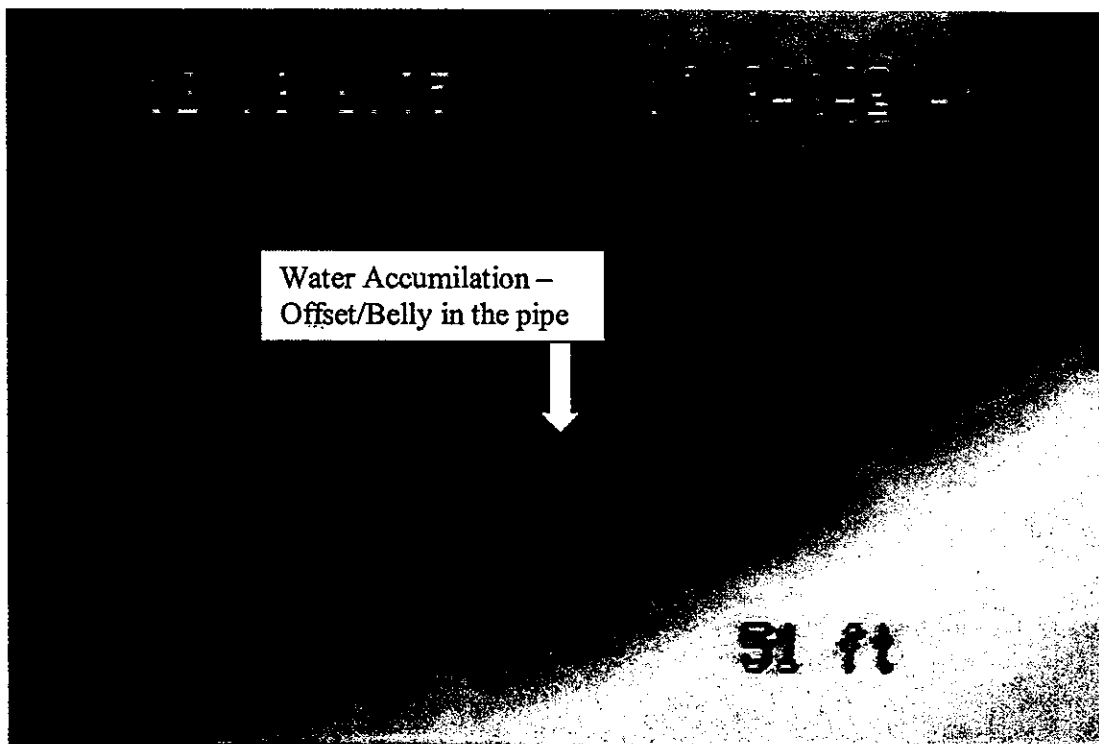


Photo 4: More Water Accumulation (belly): Line West of Michigan Plaza

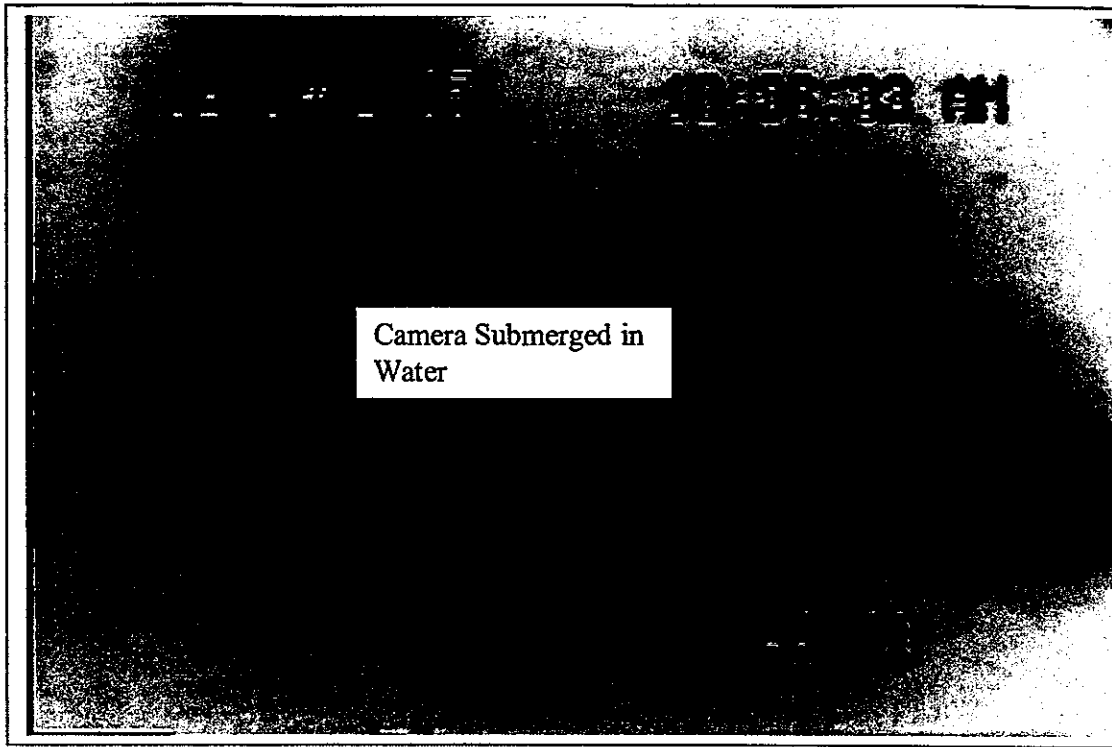


Photo 5: Camera completely in Water: Beginning of East-West Sewer Line along Michigan Street

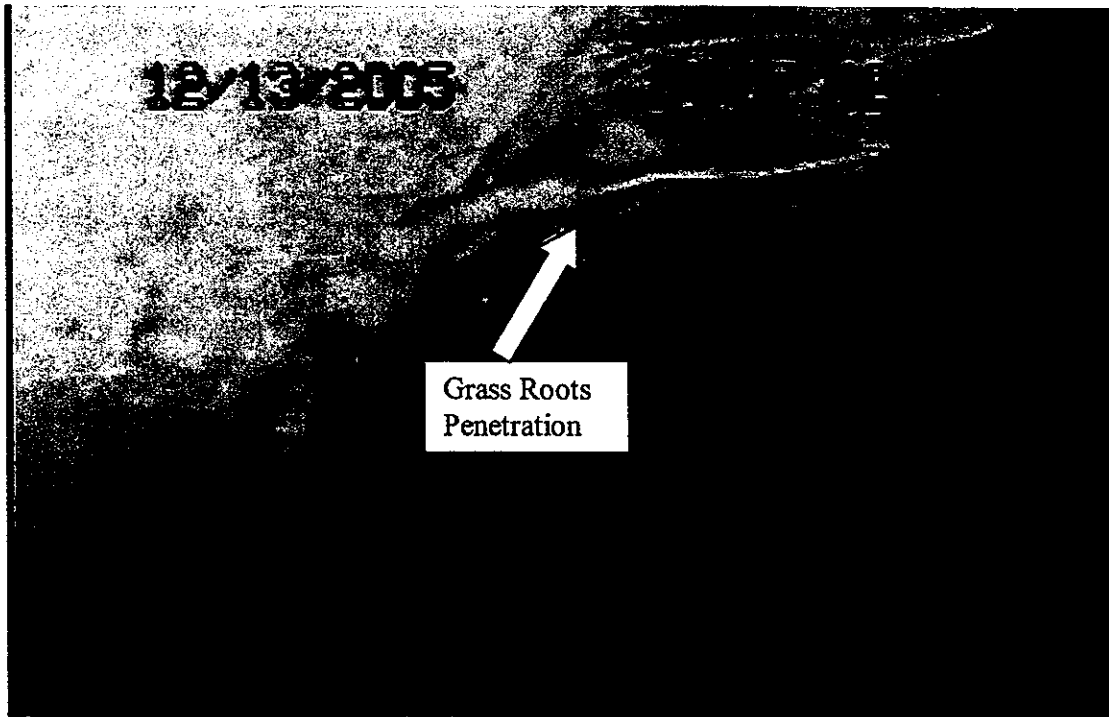


Photo 6: Grass roots penetration (indicating cracks/leaks) in the East-West Line

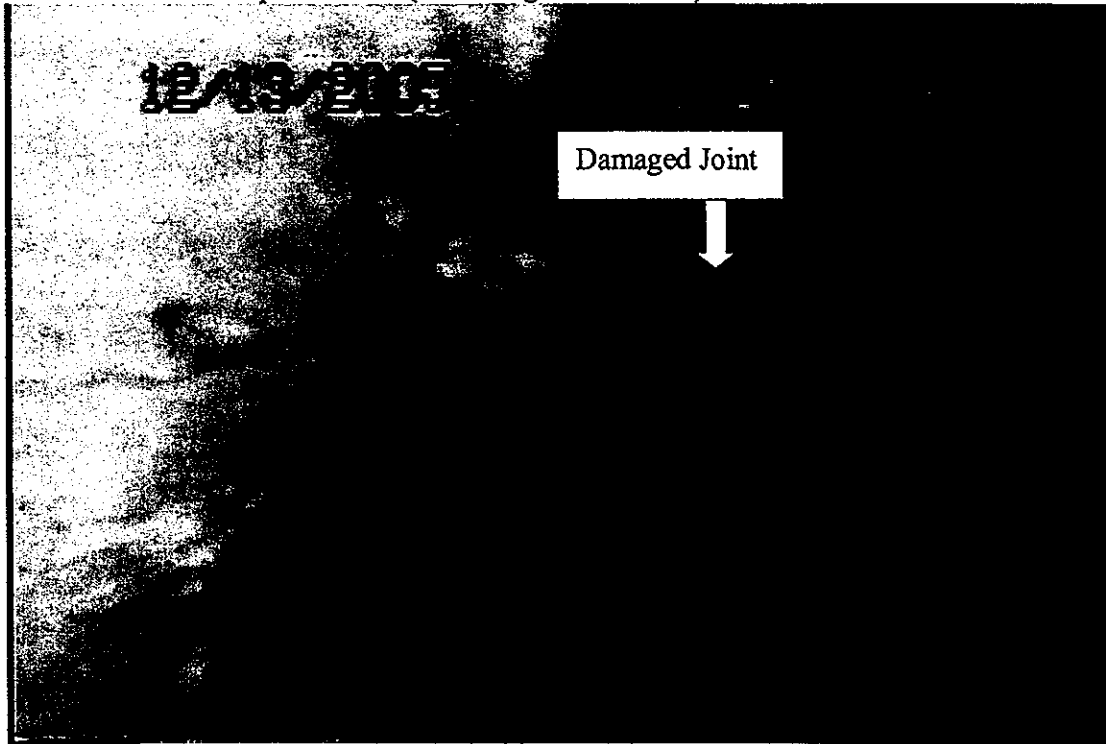


Photo 7: Worn out joint (possible cracks/leaks) in the Building No. 1 (Michigan Apartments) Area